Integrated Mobile Sound System

RoadGear160/260

SERVICE MANUAL



www.phonic.com

Integrated Mobile Sound System

RoadGear160/260

SERVICE MANUAL

CONTENTS

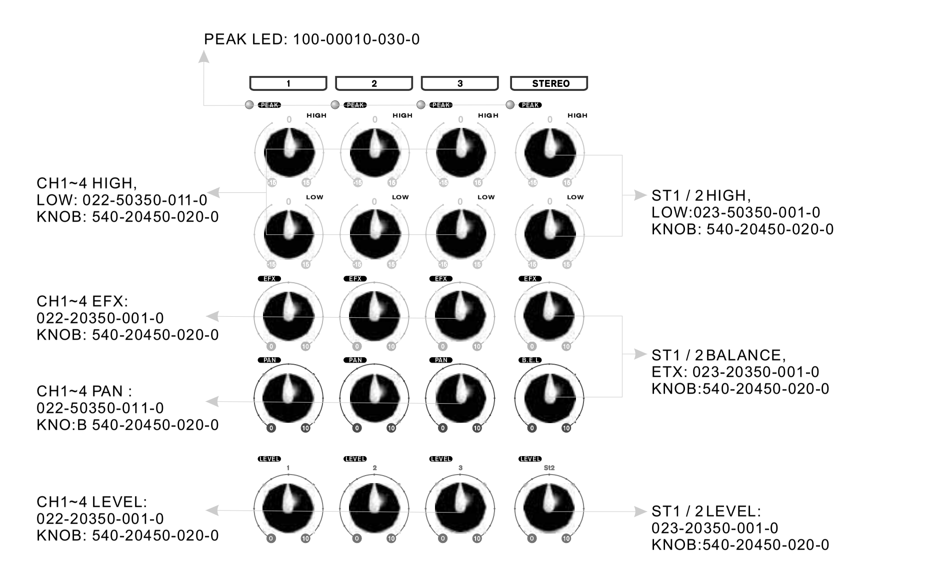
PEAK LED: 100-00010-030-0

CH1~4 HIGH,
LOW: 022-50350-011-0
KNOB: 540-20450-020-0

CH1~4 EFX:
022-20350-001-0
KNOB: 540-20450-020-0

CH1~4 PAN :
022-50350-011-0
KNO:B 540-20450-020-0

CH1~4 LEVEL:
022-20350-001-0
KNOB: 540-20450-020-0



ST1 / 2 HIGH,
LOW:023-50350-001-0
KNOB: 540-20450-020-0

ST1 / 2 BALANCE,
ETX: 023-20350-001-0
KNOB:540-20450-020-0

ST1 / 2 LEVEL:
023-20350-001-0
KNOB:540-20450-020-0

Complete PA system
RoadGear 160

PROGRAM:
210-16000-020-0
KNOB:540-20450-020-0

EFX MASTER:
022-20350-001-0
KNOB:540-20450-020-0

KNOB: 542-60090-122-0
PUSH/SW: 210-02202-070-0
LED: 100-00050-000-0

EQ HIGH / MID / LOW:
023-50350-011-0
KNOB:540-20450-020-0

LIMITER LED:
100-00010-030-0

MASTER LIMITER:
023-20350-001-0
KNOB:540-20450-020-0

ALL LED:
100-00050-000-0

CH1~4 MIC JACK:
211-03300-160-0

SW:
210-01202-360-0

STERED 1 / 2:
211-00041-100-0

ST AUXRTN:
211-01601-240-0

CH1~4 LINE:
211-01602-380-0

STEREO MONO:
211-01601-240-0

SEND / RETURN:
211-01601-240-0

P / KNOB: 542-20320-020-0
ACRYLIC: 529-20032-000-0
HOUSING: 543-20210-010-0
P / SW: 210-02101-010-0
LED: 100-00150-040-0

SPEAKER:
211-01602-560-0

48V ON-OFF:
210-01202-360-0

FOOT SW:
211-01602-380-0

EFX OUT:
211-01602-390-0

TAPE OUT L-R:
211-00021-100-0

DIGITAL EFFECT
24-BIT DSP PROCESSING
PROGRAM
ROOM
PLATE
L.HALL
VOCAL
EQ
HIGH
MID
LOW
MASTER
LIMITER
LEFT
RIGHT
MAIN
MONI
MODE
MIC
LINE
STEREO
(MONO)
ST AUX RTN
SEND
RETURN
SPEAKER
LEFT
RIGHT
48V
ON
OFF
EFX OUT
FOOT SW
TAPE OUT
POWER

PANEL LAYOUT

Complete PA system
RoadGear 260

PEAK
LED: 100-00010-030-0

CH1~4 HIGH,
LOW: 022-50350-011-0
KNOB:540-20450-020-0

ST1 / 2 HIGH, LOW:
023-50350-001-0
KNOB:540-20450-020-0

CH1~4 EFX:
022-20350-001-0
KNOB:540-20450-020-0

ST1 / 2 BALANCE,
ETX :023-20350-001-0
KNOB:540-20450-020-0

CH1~4 PAN:
022-50350-011-0
KNOB:540-20450-020-0

CH1~4 LEVEL:
022-20350-001-0
KNOB:540-20450-020-0

ST1 / 2 LEVEL:
023-20350-001-0
KNOB: 540-20450-020-0

PROGRAM :
210-16000-020-0
KNOB:540-20450-020-0

EFX MASTER:
022-20350-001-0
KNOB:540-20450-020-0

KNOB: 542-60090-122-0
PUSH/SW: 210-02202-070-0
LED: 100-00050-000-0

EQ HIGH / MID / LOW :
023-50350-011-0
KNOB:540-20450-020-0

LIMITER LED:
100-00010-030-0

MASTER LIMITER:
023-20350-001-0
KNOB:540-20450-020-0

ALL LED:
100-00050-000-0

SW:
210-01202-360-0

CH1~4 MIC JACK:
211-03300-160-0

STERED 1 / 2:
211-00041-100-0

ST AUXRTN:
211-01601-240-0

CH1~4 LINE:
211-01602-380-0

ST1 / 2 MONO:
211-01601-240-0

SEND / RETURN:
211-01601-240-0

P / KNOB: 542-20320-020-0
ACRYLIC: 529-20032-000-0
HOUSING: 543-20210-010-0
P / SW: 210-02101-010-0
LED: 100-00150-040-0

SPEAKER:
211-01602-560-0

48V ON-OFF:
210-01202-360-0

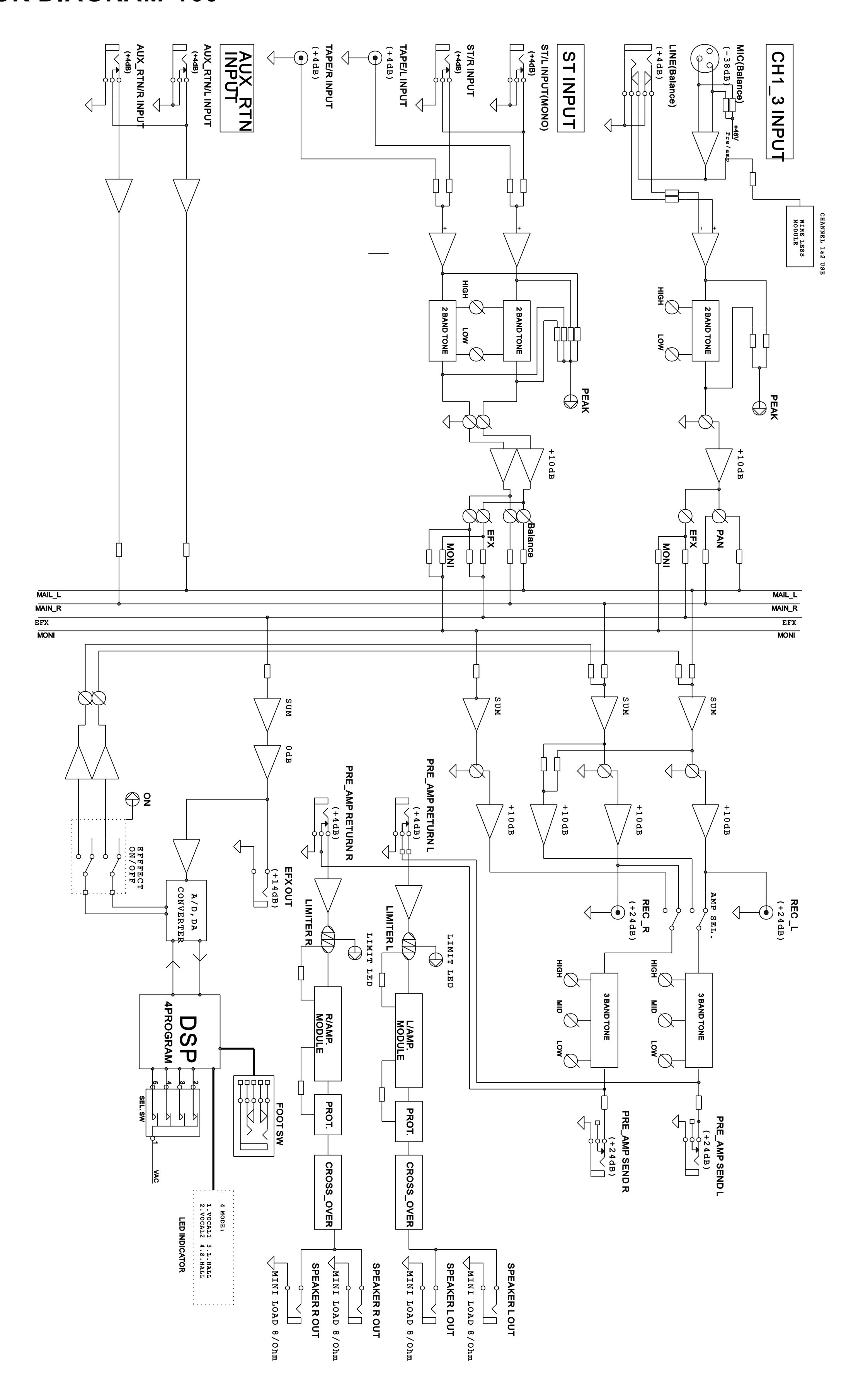
FOOT SW:
211-01602-380-0

EFX OUT:
211-01602-390-0

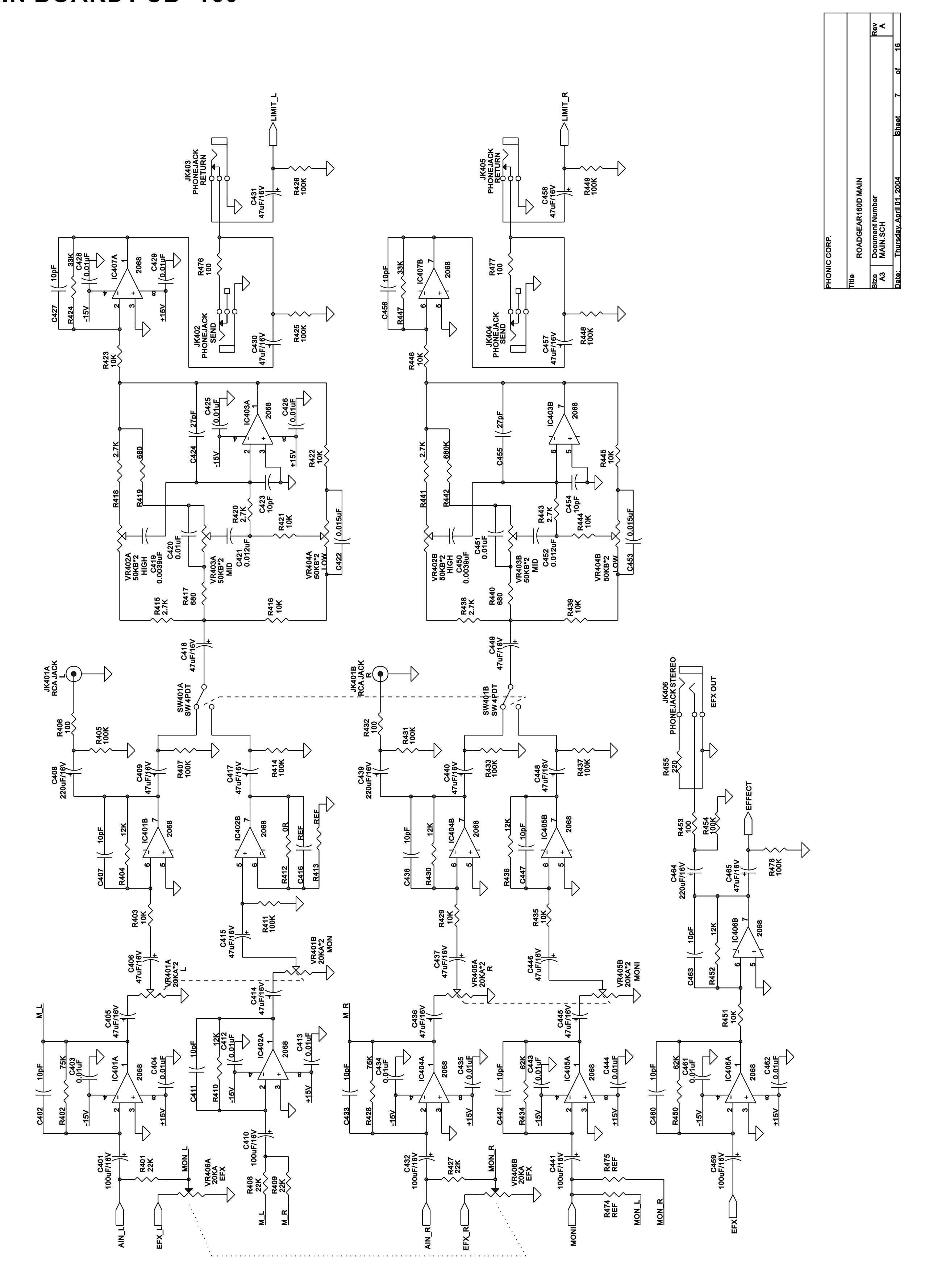
TAPE OUT L-R:
211-00021-100-0

PANEL LAYOUT

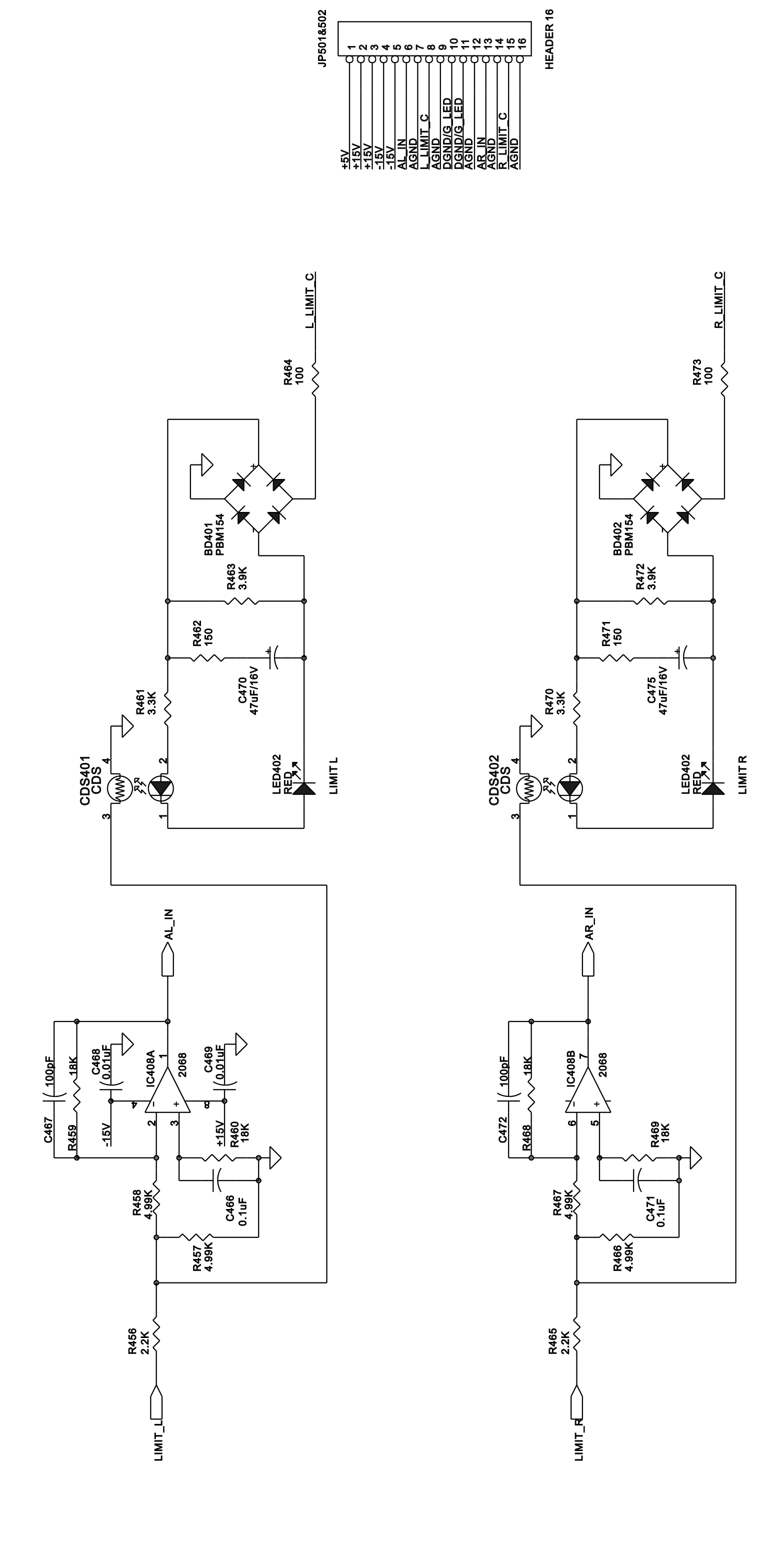
BLOCK DIAGRAM-160



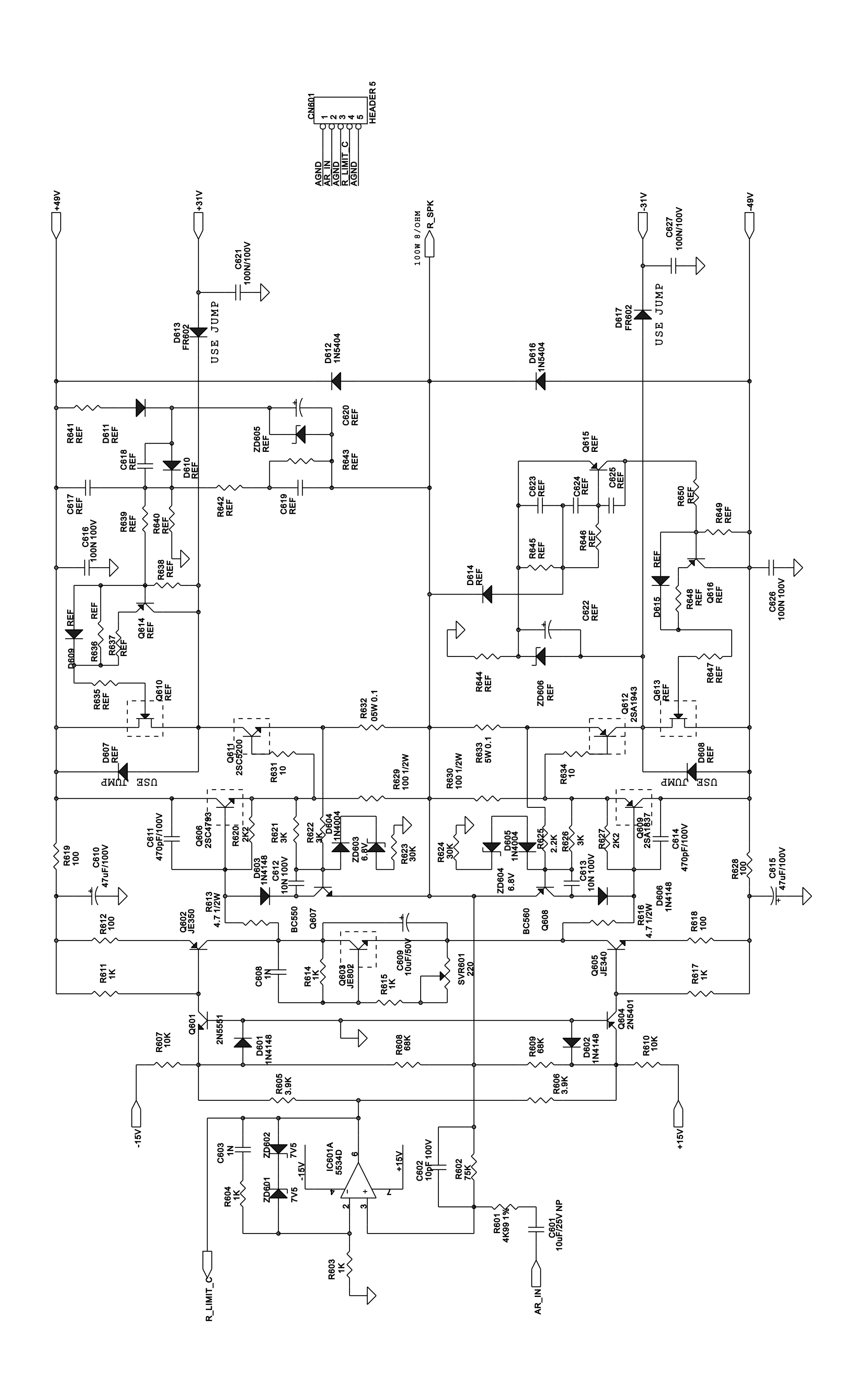
MAIN BOARD PCB -160



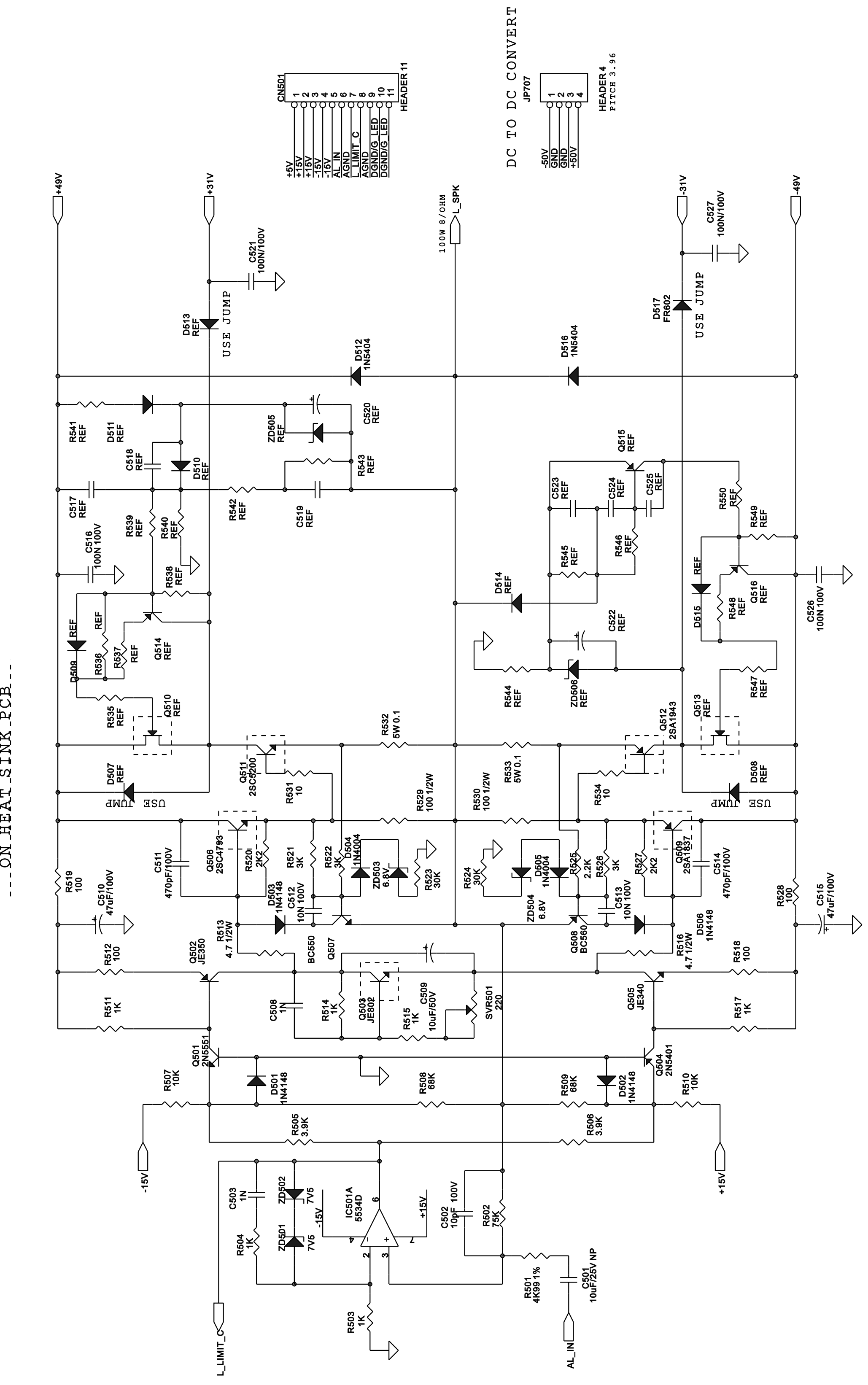
LIMIT -160


JP501&502
HEADER 16
+5V
+15V
-15V
AL_IN
AGND
L_LIMIT_C
DGND/G_LED
AR_IN
R_LIMIT_C
R464
100
R473
BD401
PBM154
BD402
R463
3.9K
R472
R462
150
R471
C470
47uF/16V
C475
R461
3.3K
R470
CDS401
CDS
CDS402
LED402
RED
LIMIT L
LIMIT R
IC408A
IC408B
2068
C467
100pF
R459
18K
C468
0.01uF
C469
R460
R458
4.99K
R457
C466
0.1uF
R456
2.2K
LIMIT_L
C472
R468
R469
R467
R466
C471
R465
LIMIT_R

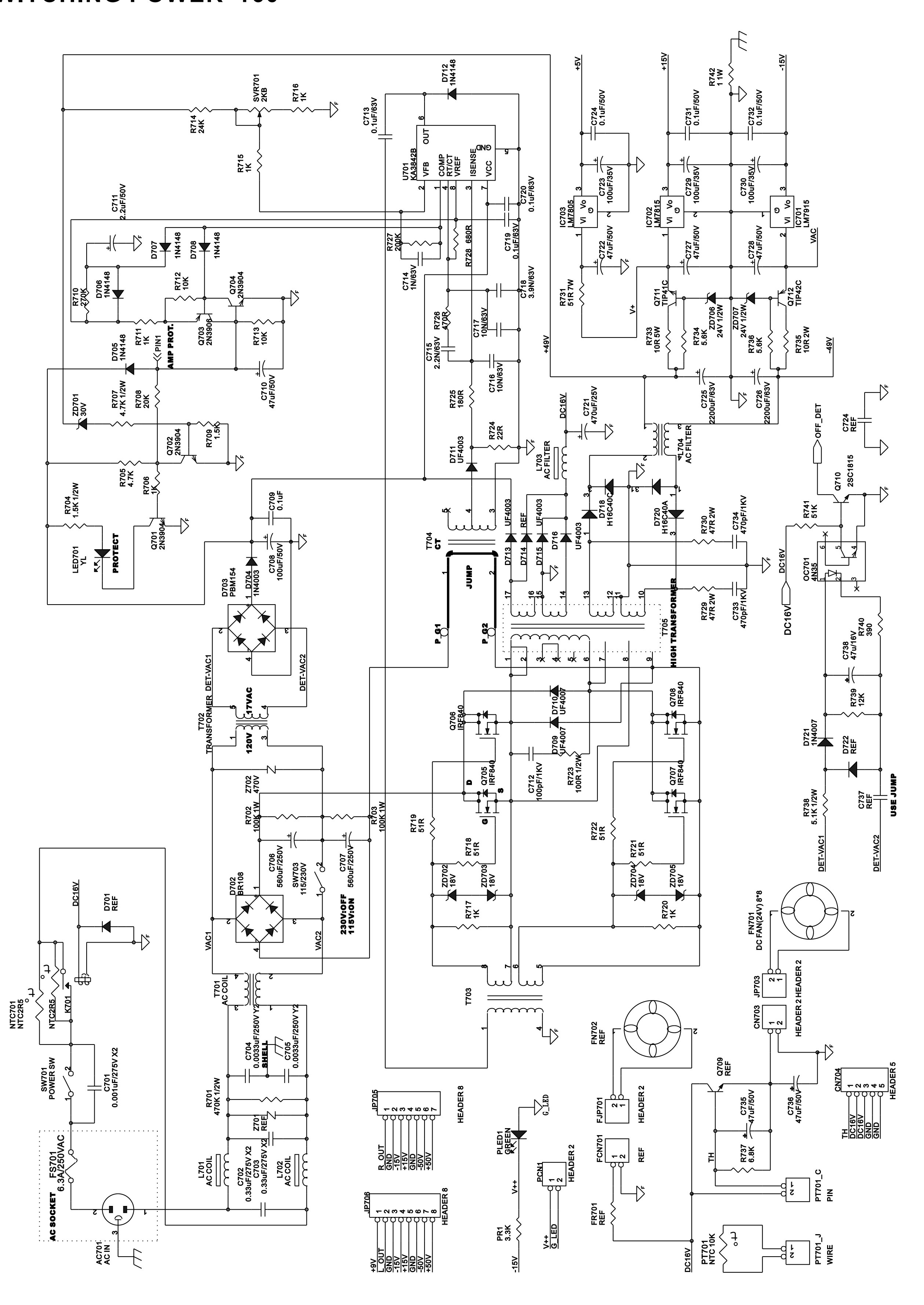
R POWER AMP -160



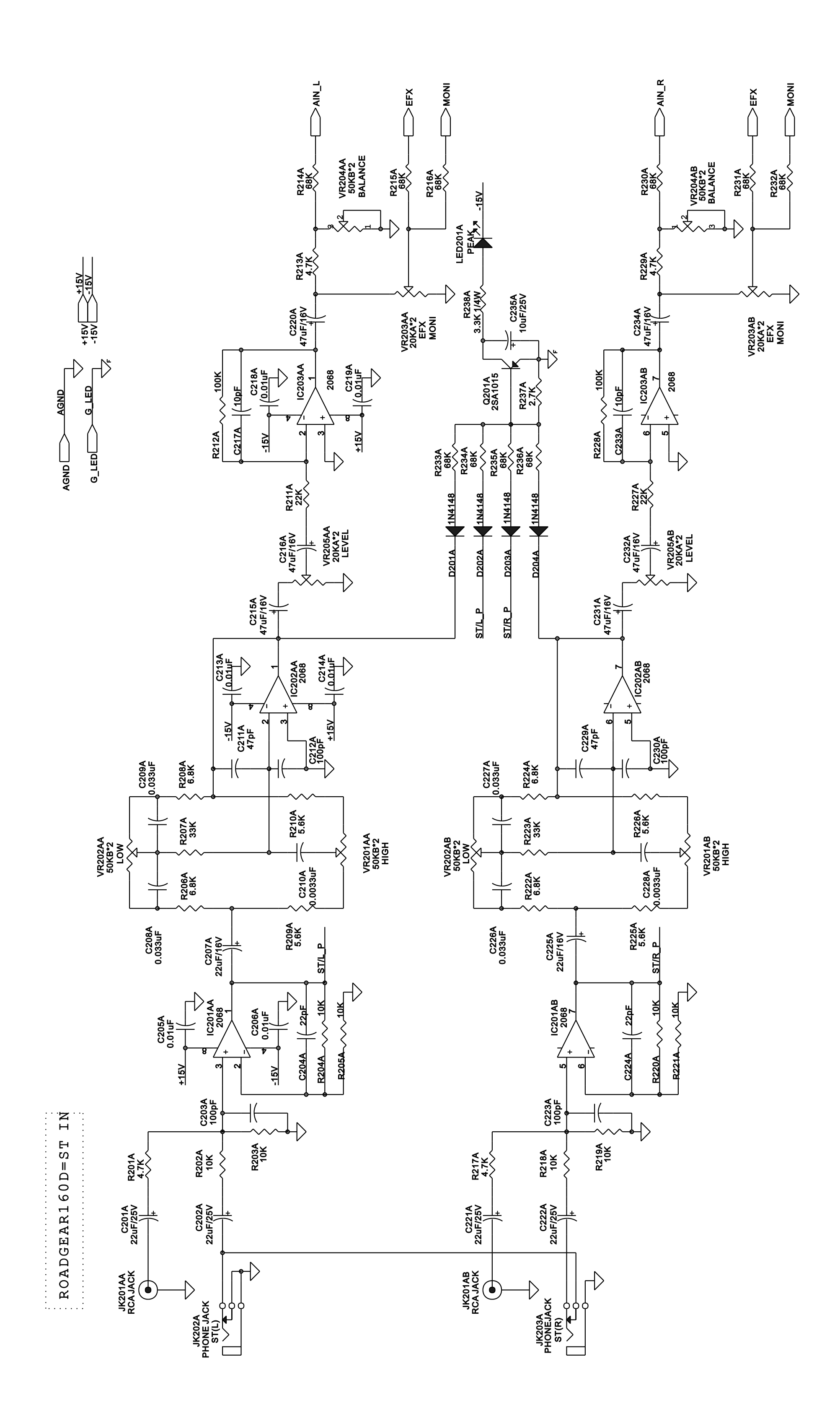
L POWER AMP -160



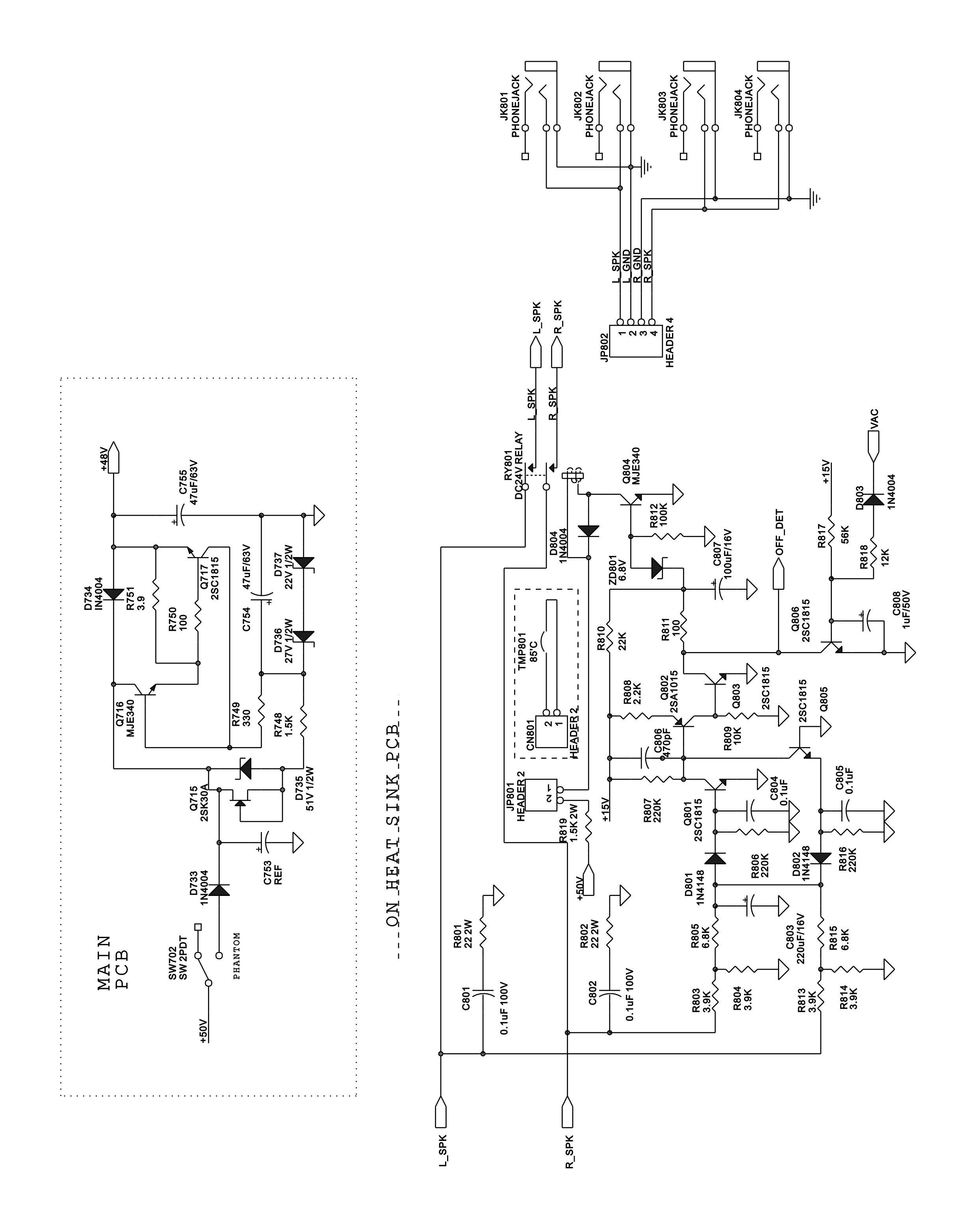
SWITCHING POWER -160



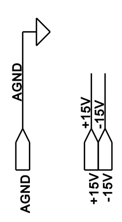
ST INPUT-160

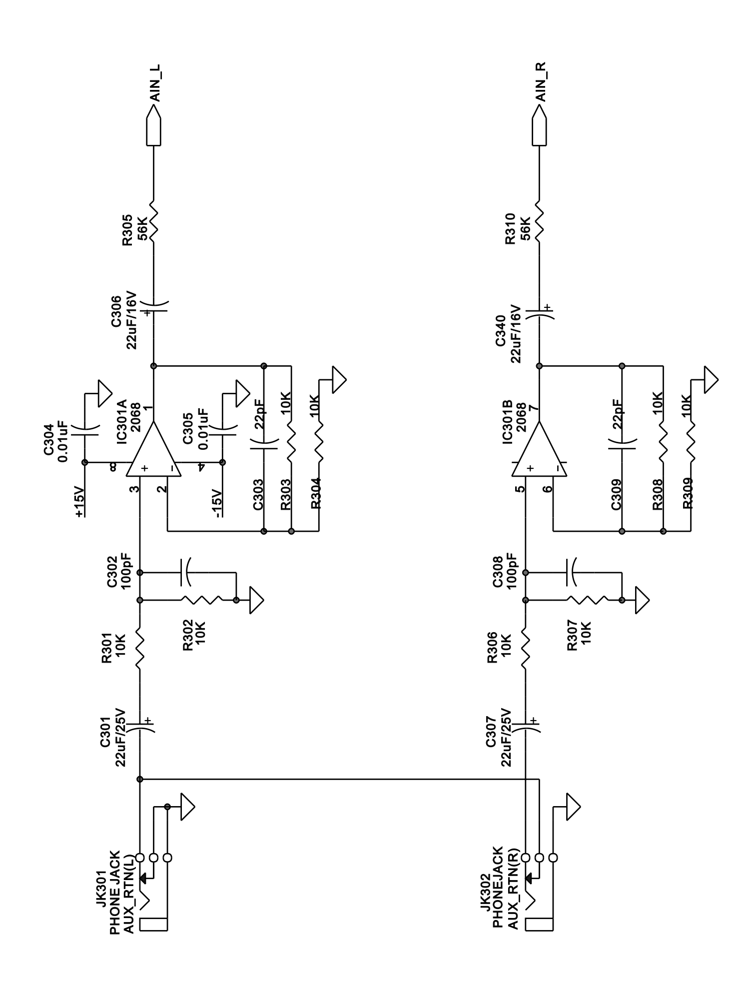

ROADGEAR160D=ST IN
AIN_L
EFX
MONI
AIN_R
AGND
G_LED
+15V
-15V
JK201AA RCA JACK
JK202A PHONE JACK ST(L)
JK201AB RCA JACK
JK203A PHONE JACK ST(R)
C201A 22uF/25V
C202A 22uF/25V
C221A 22uF/25V
C222A 22uF/25V
R201A 4.7K
R202A 10K
R203A 10K
R217A 4.7K
R218A 10K
R219A 10K
C203A 100pF
C223A 100pF
IC201AA 2068
IC201AB 2068
C205A 0.01uF
C206A 0.01uF
C204A 22pF
C224A 22pF
R204A 10K
R205A 10K
R220A 10K
R221A 10K
C207A 22uF/16V
C225A 22uF/16V
R209A 5.6K
R225A 5.6K
ST/L_P
ST/R_P
C208A 0.033uF
C226A 0.033uF
VR202AA 50KB*2 LOW
VR202AB 50KB*2 LOW
VR201AA 50KB*2 HIGH
VR201AB 50KB*2 HIGH
R206A 6.8K
R207A 33K
R208A 6.8K
R222A 6.8K
R223A 33K
R224A 6.8K
C209A 0.033uF
C227A 0.033uF
C210A 0.0033uF
C228A 0.0033uF
R210A 5.6K
R226A 5.6K
C211A 47pF
C229A 47pF
C212A 100pF
C230A 100pF
IC202AA 2068
IC202AB 2068
C213A 0.01uF
C214A 0.01uF
C215A 47uF/16V
C231A 47uF/16V
C216A 47uF/16V
C232A 47uF/16V
VR205AA 20KA*2 LEVEL
VR205AB 20KA*2 LEVEL
R211A 22K
R227A 22K
IC203AA 2068
IC203AB 2068
R212A 100K
R228A 100K
C217A 10pF
C233A 10pF
C218A 0.01uF
C219A 0.01uF
C220A 47uF/16V
C234A 47uF/16V
R213A 4.7K
R229A 4.7K
R214A 68K
R230A 68K
VR204AA 50KB*2 BALANCE
VR204AB 50KB*2 BALANCE
R215A 68K
R216A 68K
R231A 68K
R232A 68K
VR203AA 20KA*2 EFX MONI
VR203AB 20KA*2 EFX MONI
D201A 1N4148
D202A 1N4148
D203A 1N4148
D204A 1N4148
R233A 68K
R234A 68K
R235A 68K
R236A 68K
R237A 2.7K
Q201A 2SA1015
R238A 3.3K 1/4W
C235A 10uF/25V
LED201A PEAK

SPK CIRCUIT POWER PCB-160

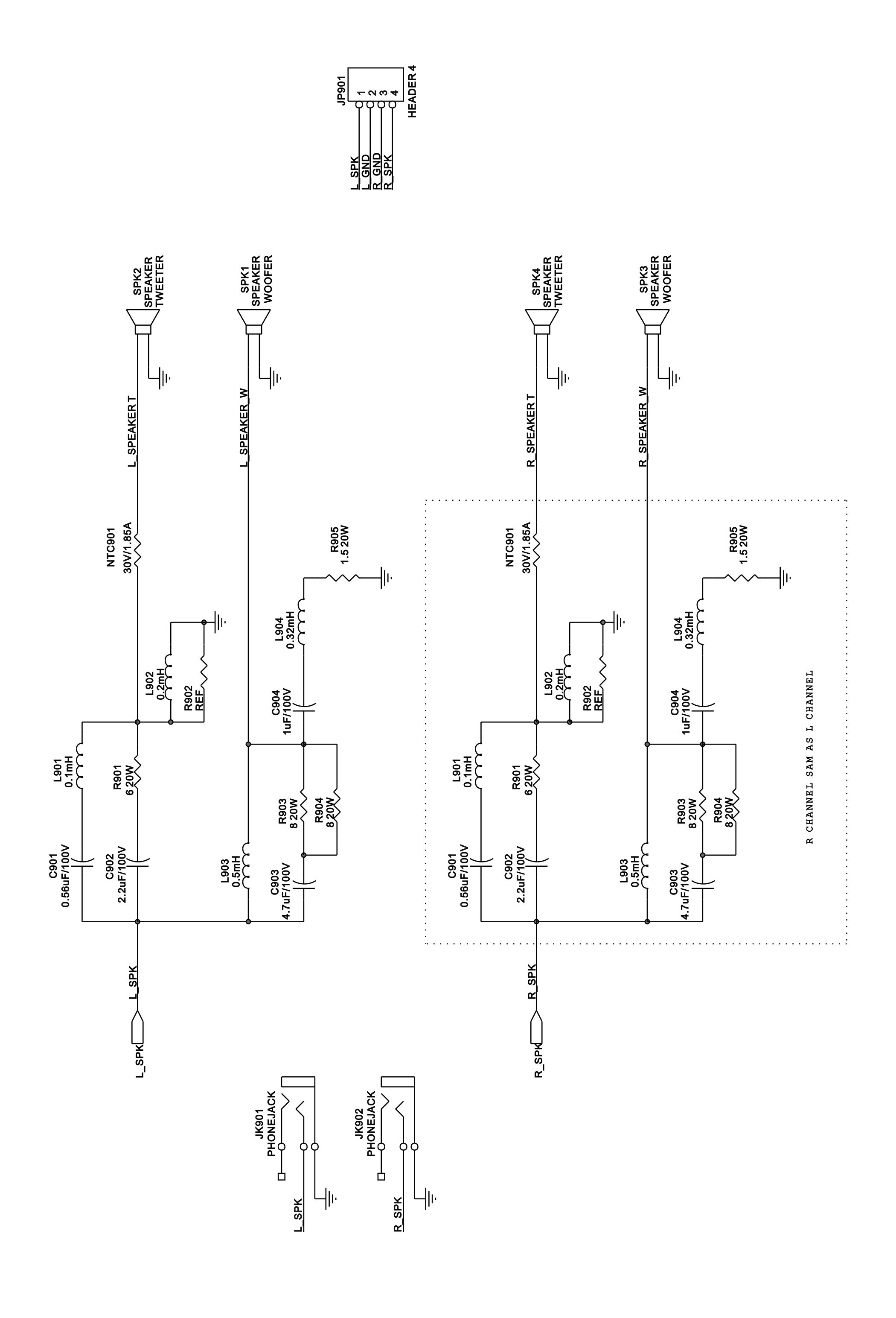


AUX_RTN INPUT-160

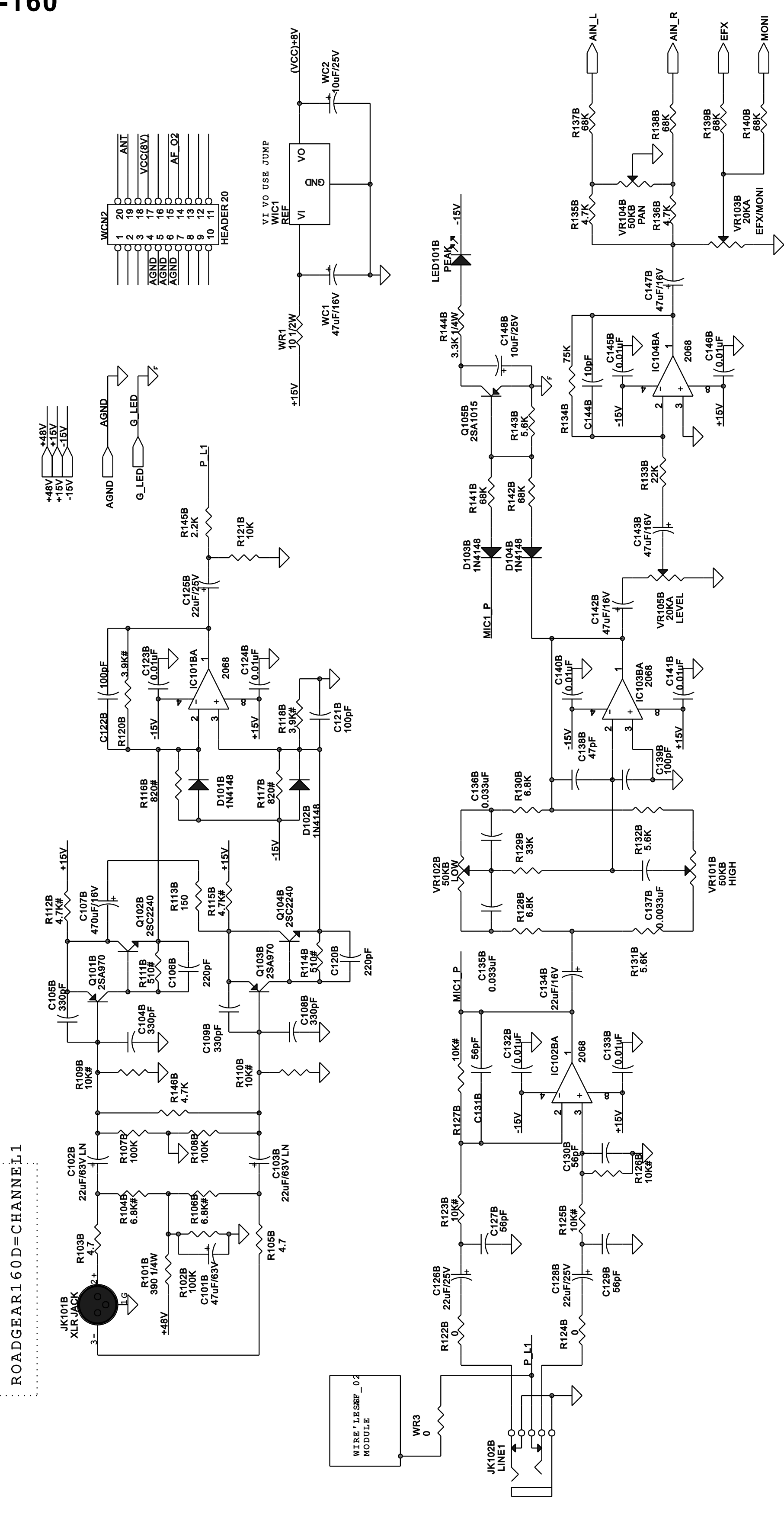




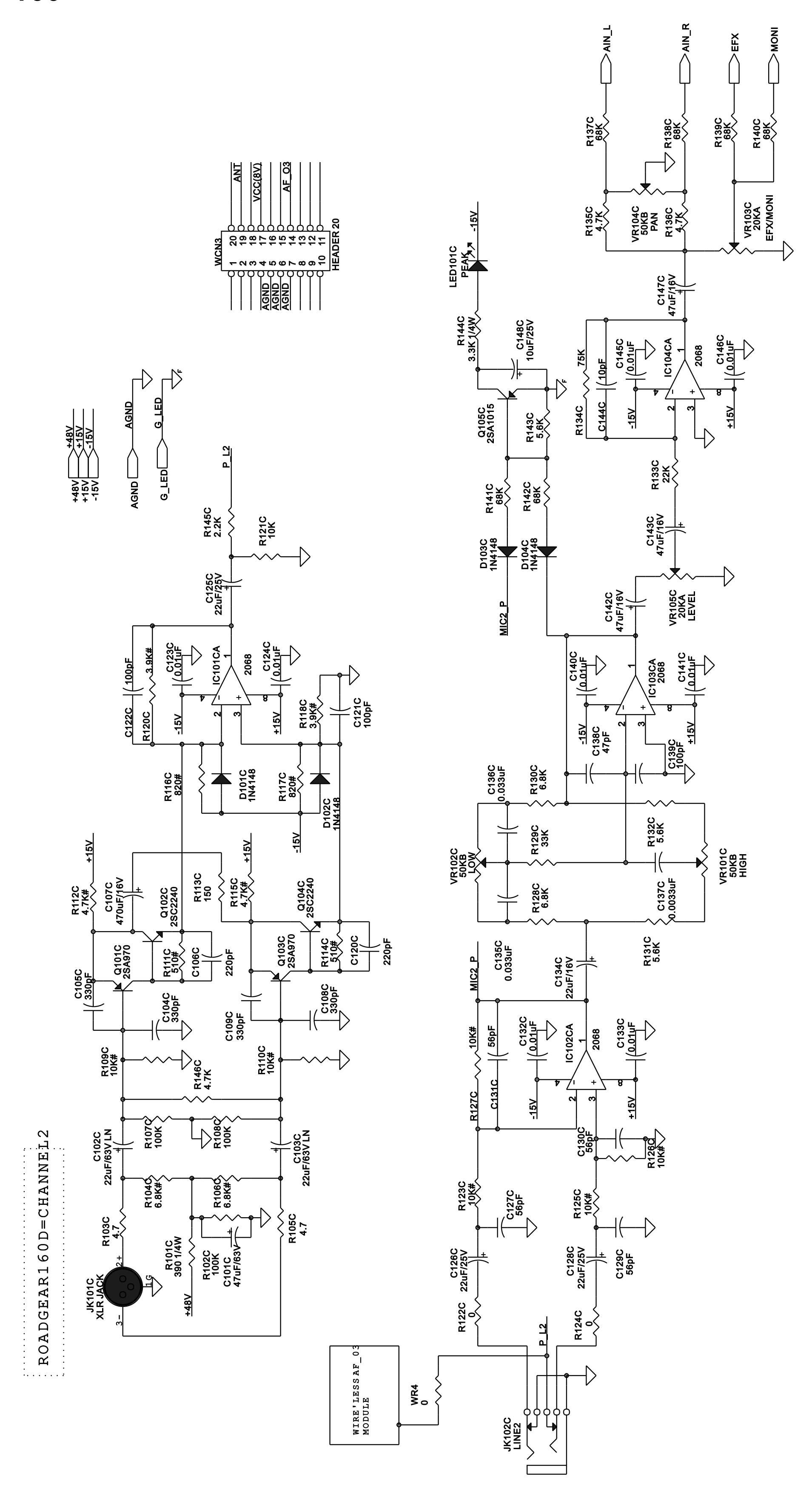
CROSS OVER-160



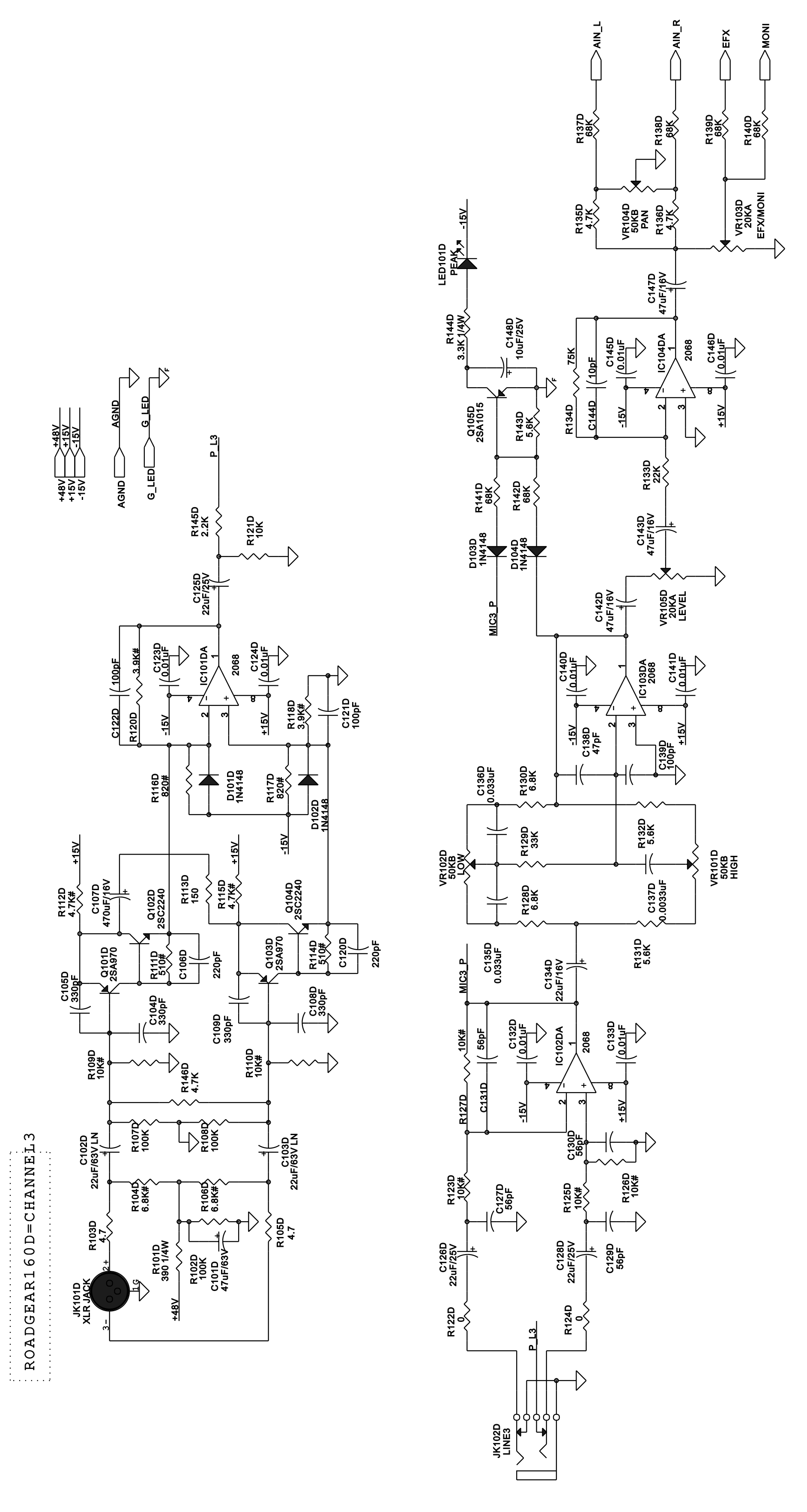
CH_1 INPUT-160



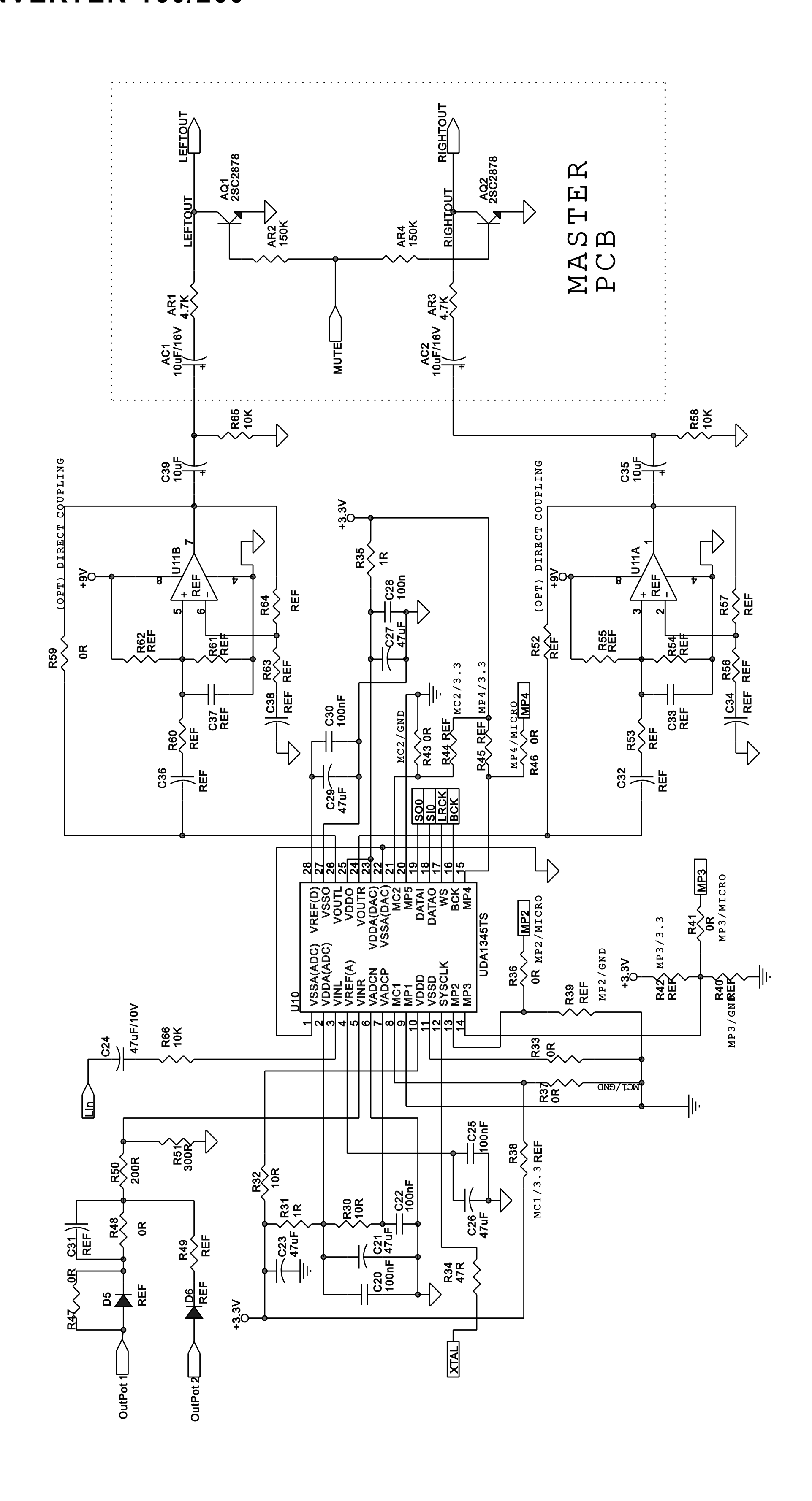
CH_2 INPUT-160



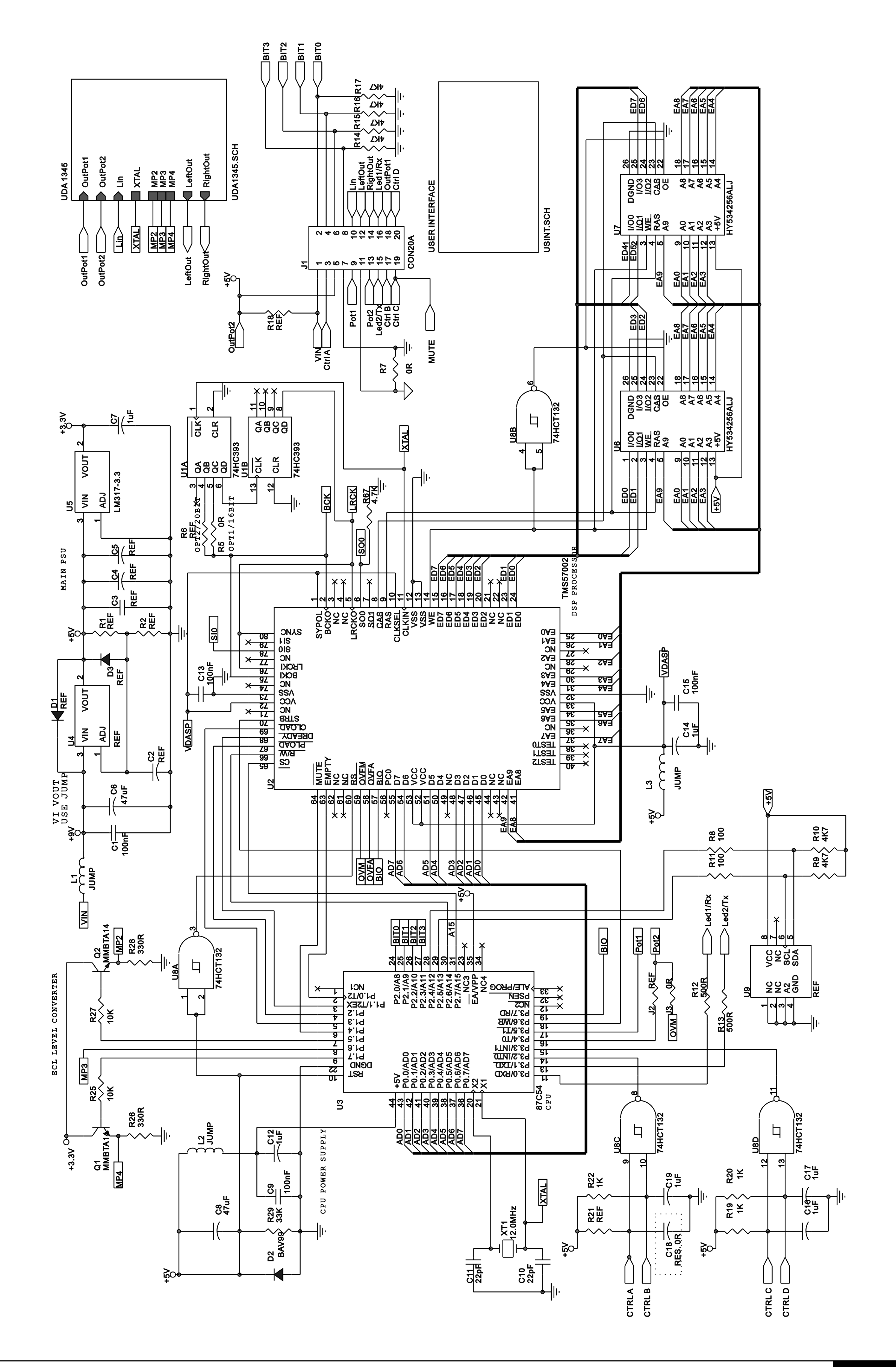
CH_3 INPUT-160



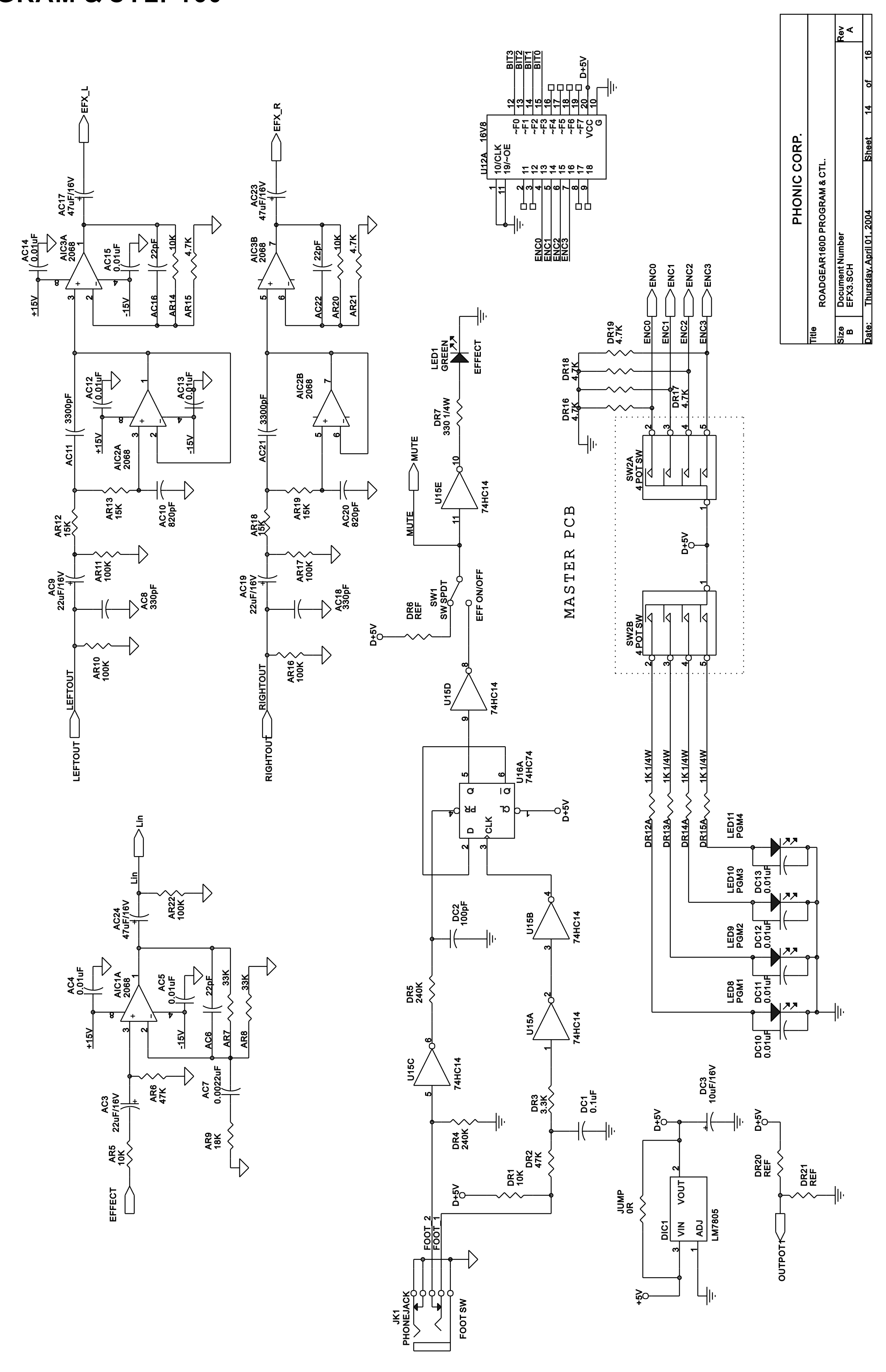
A/D D/A CONVERTER-160/260



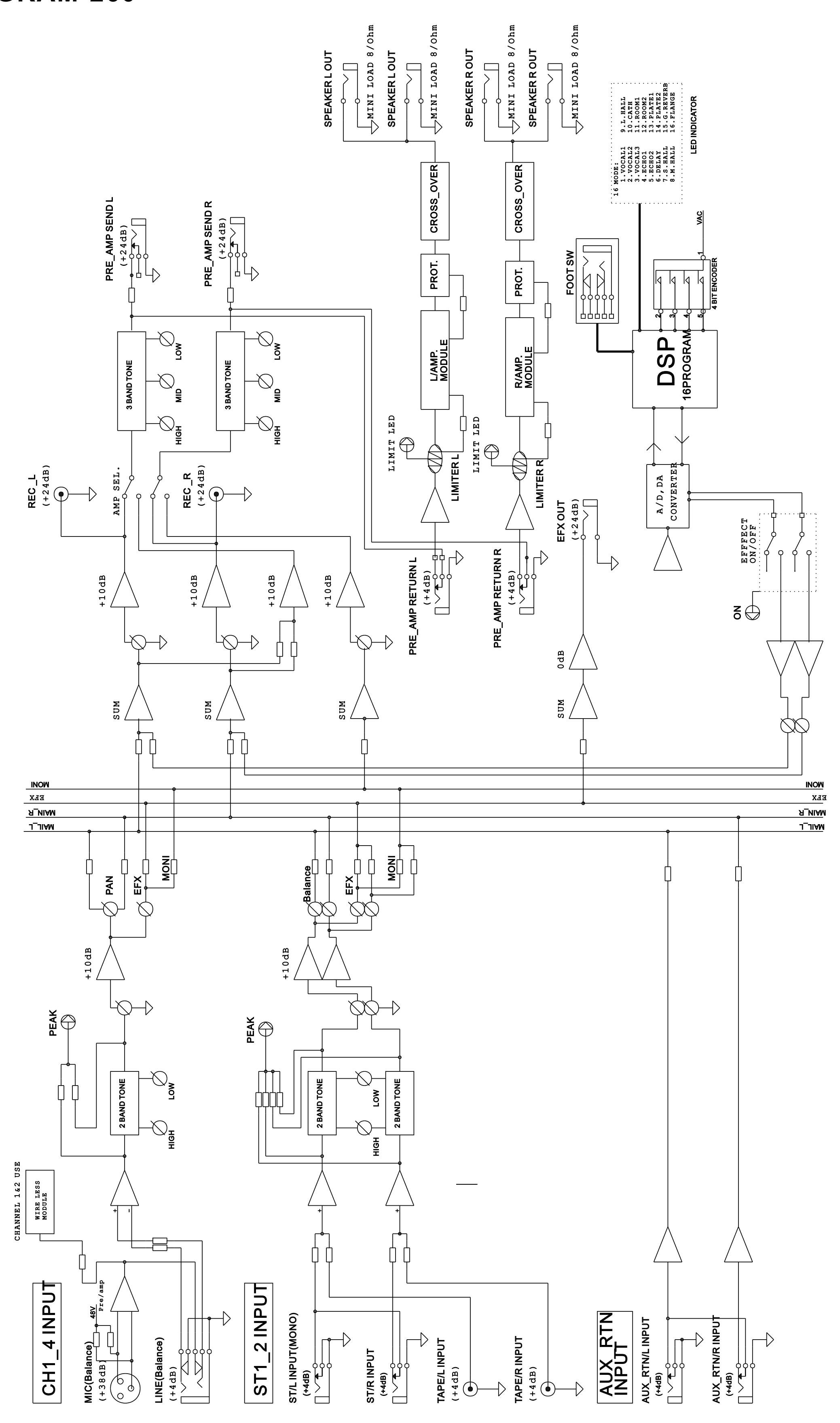
EFFECT DSP-160/260



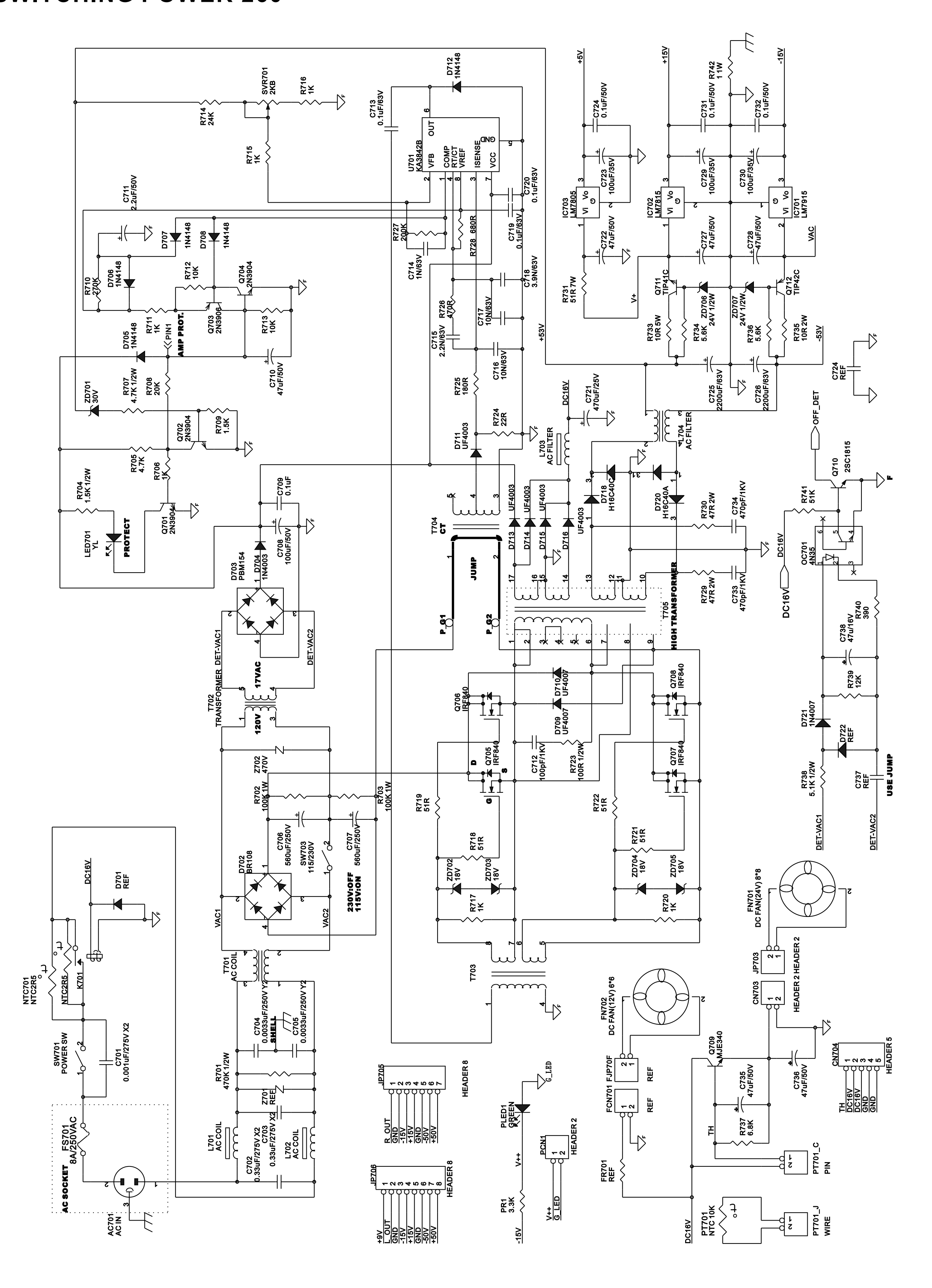
PROGRAM & CTL.-160



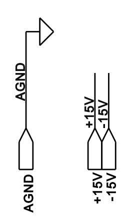
BLOCK DIAGRAM-260

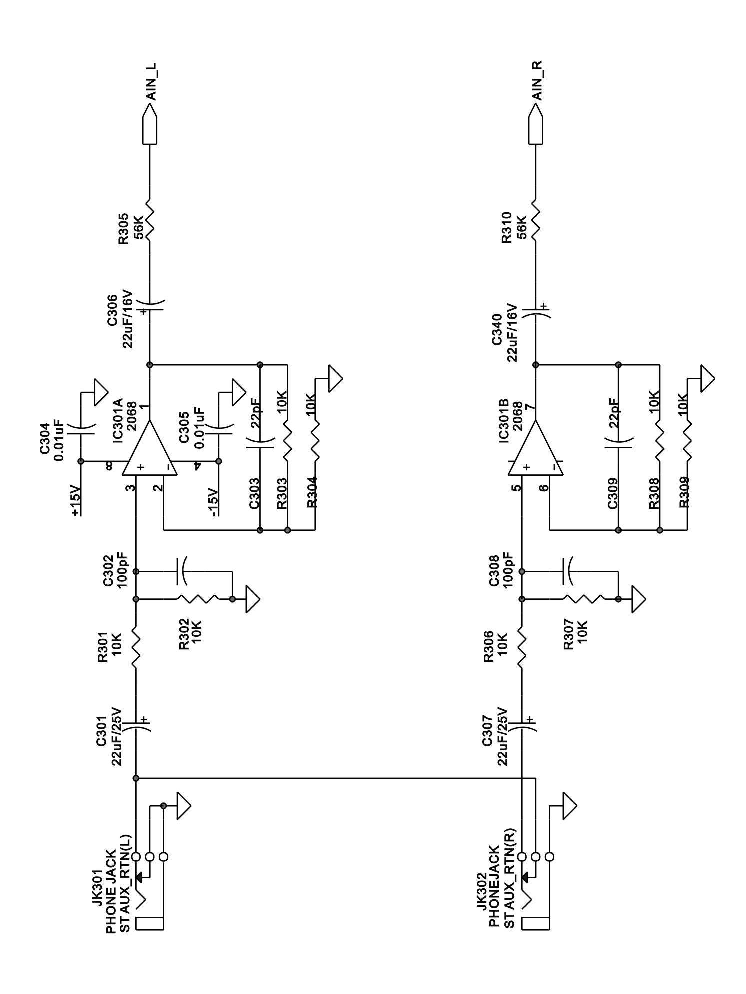


SWITCHING POWER-260

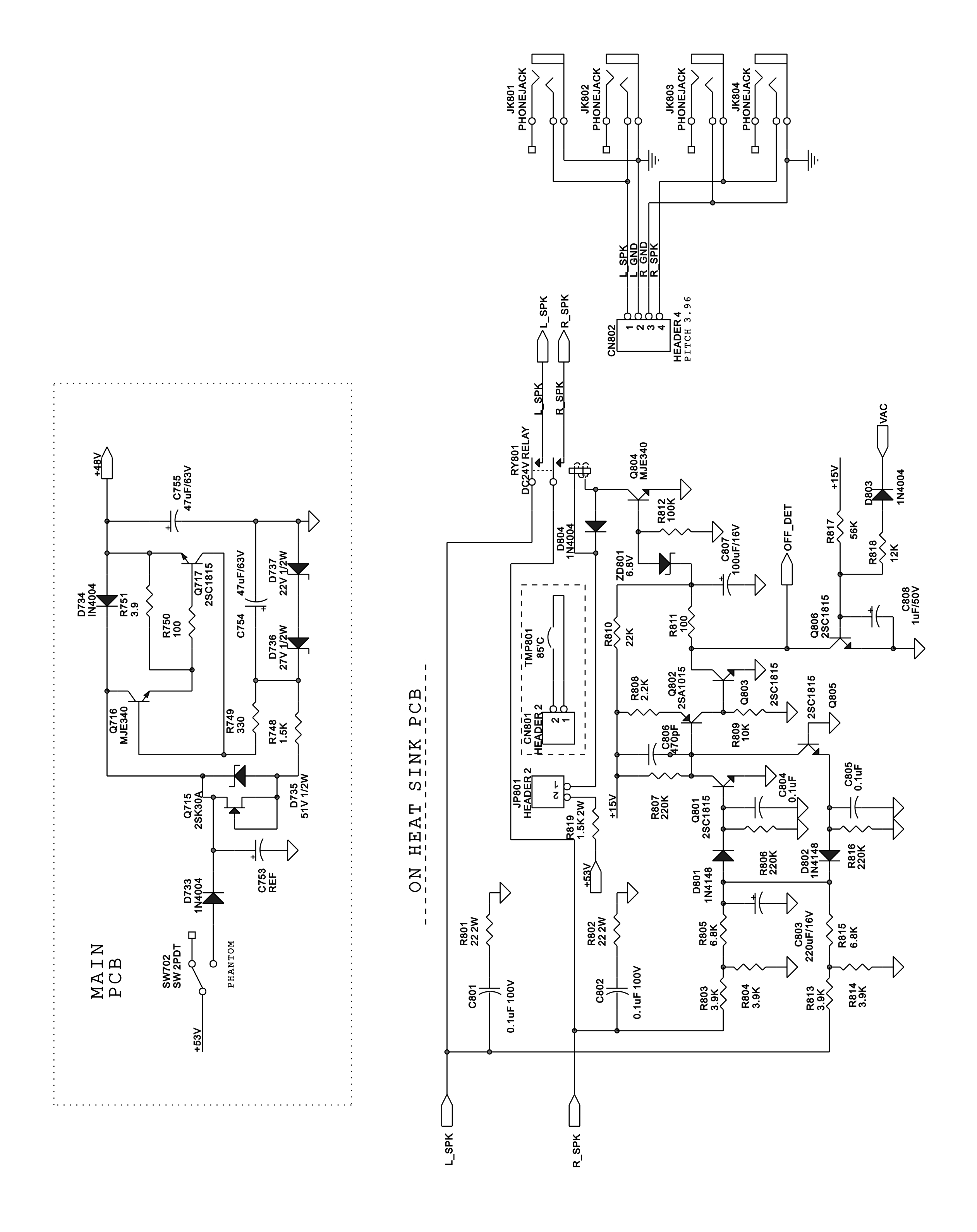


ST AUX_RTN INPUT-260

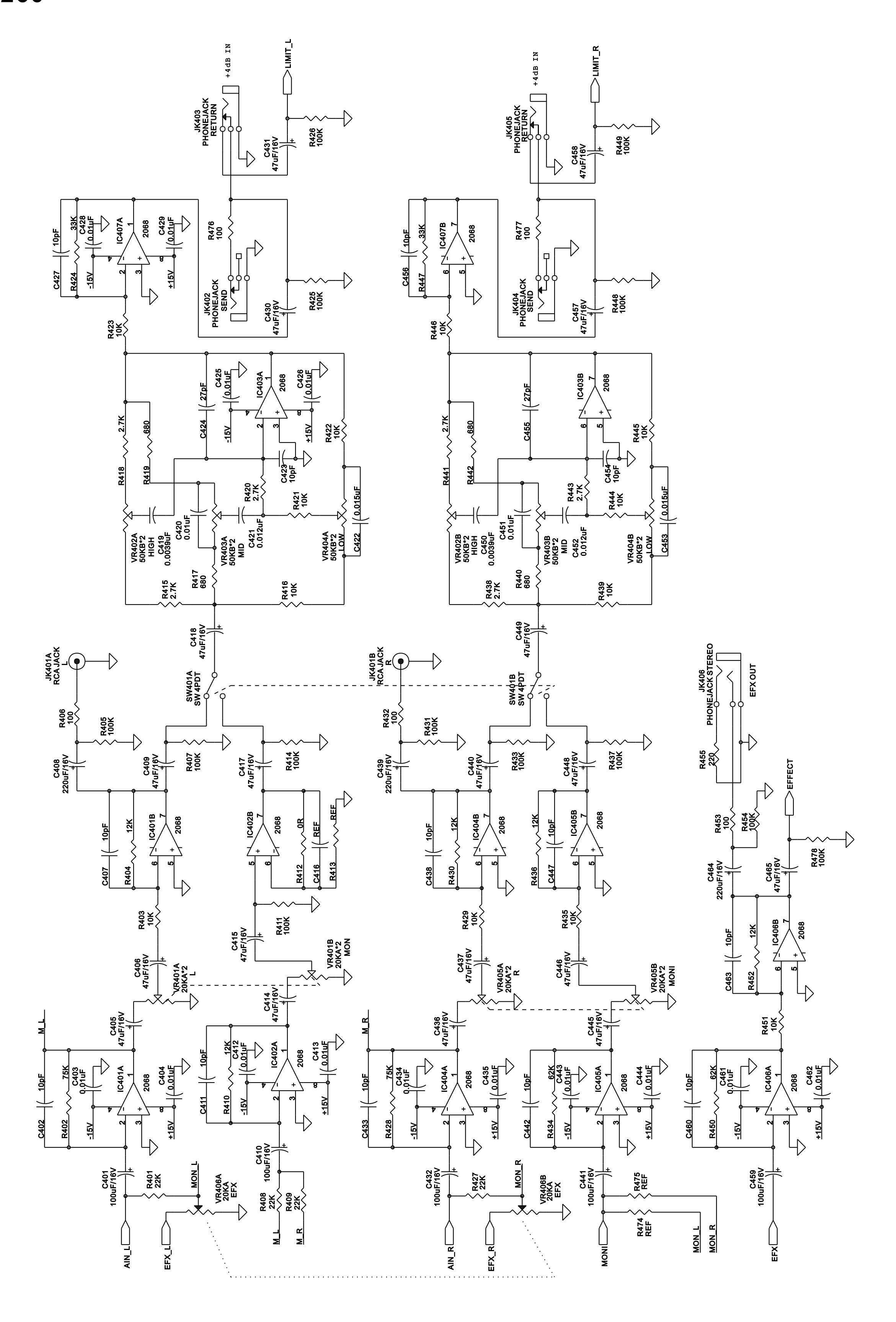




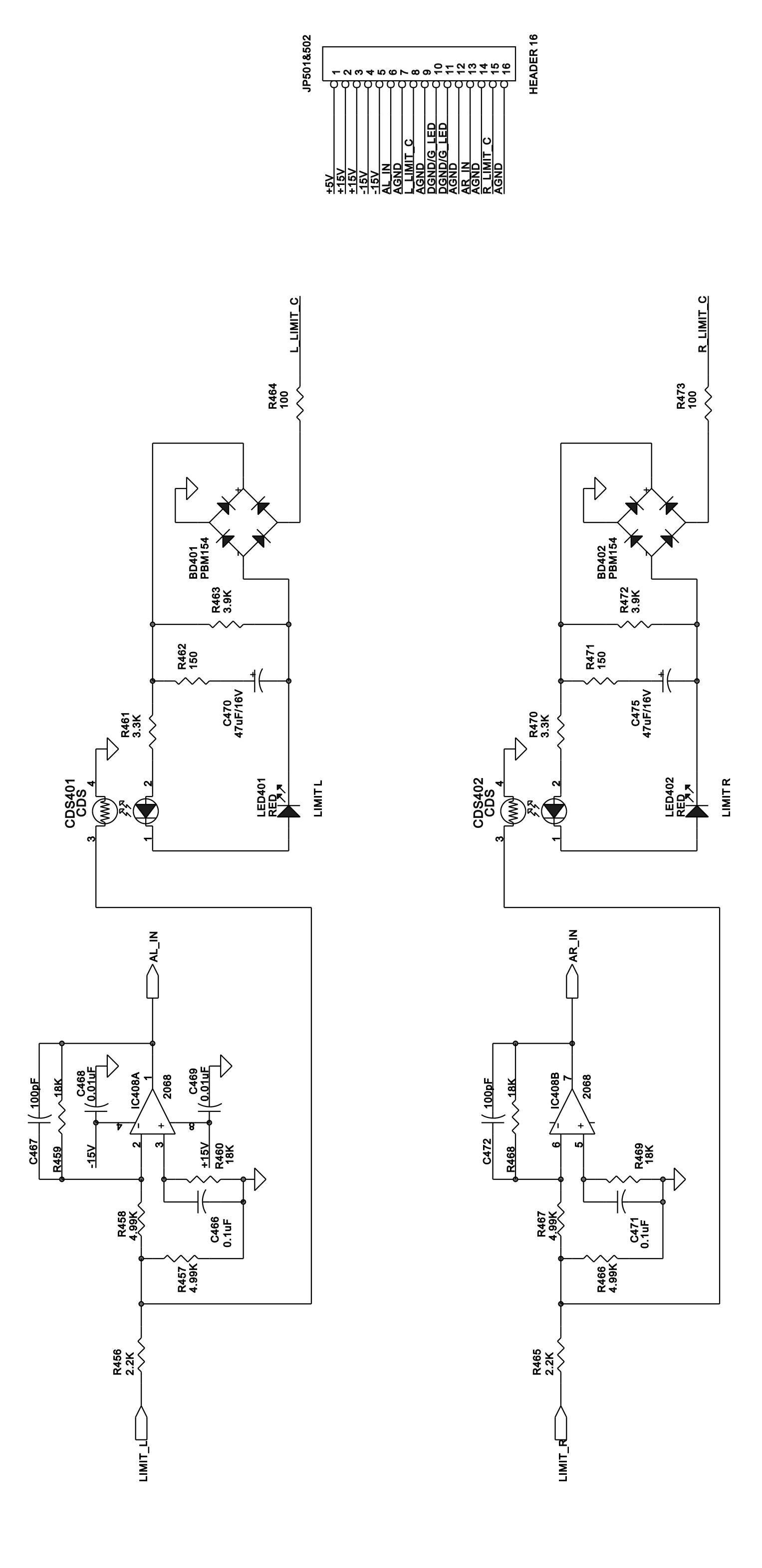
SPK CIRCUIT POWER PCB-260



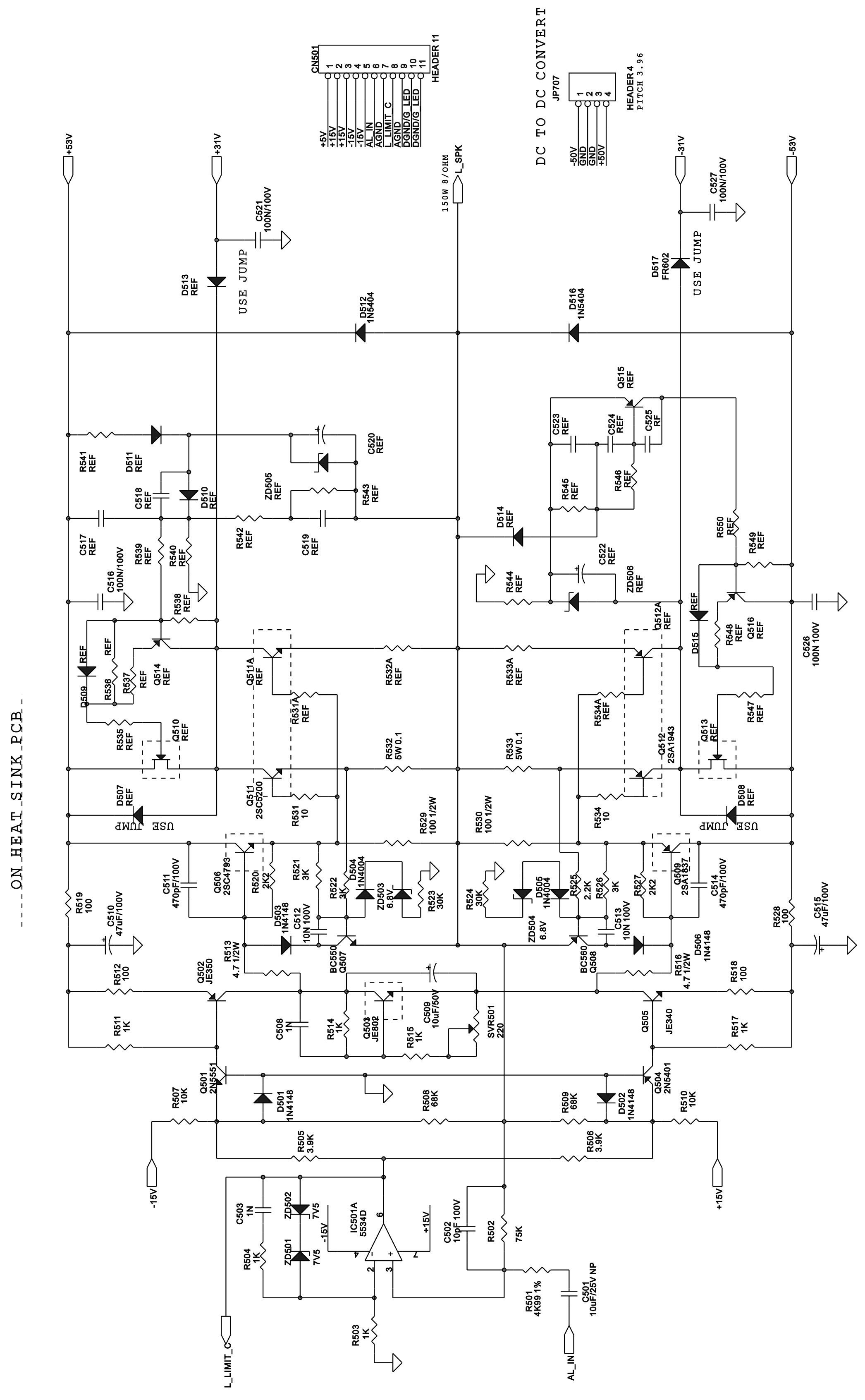
MAIN-260



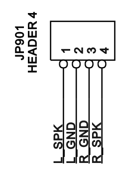
LIMIT-260


JP501&502
HEADER 16
+5V
+15V
+15V
-15V
-15V
AL_IN
AGND
L_LIMIT_C
AGND
DGND/G_LED
DGND/G_LED
AGND
AR_IN
AGND
R_LIMIT_C
AGND
L_LIMIT_C
R464
100
R_LIMIT_C
R473
100
BD401
PBM154
BD402
PBM154
R463
3.9K
R472
3.9K
R462
150
R471
150
C470
47uF/16V
C475
47uF/16V
R461
3.3K
R470
3.3K
CDS401
CDS
CDS402
CDS
LED401
RED
LIMIT L
LED402
RED
LIMIT R
AL_IN
AR_IN
C467
100pF
R459
18K
C468
0.01uF
IC408A
2068
C469
0.01uF
-15V
+15V
R460
18K
C472
100pF
R468
18K
IC408B
2068
R469
18K
R458
4.99K
C466
0.1uF
R457
4.99K
R467
4.99K
C471
0.1uF
R466
4.99K
R456
2.2K
R465
2.2K
LIMIT_L
LIMIT_R

L POWER AMP-260



CROSS OVER-260

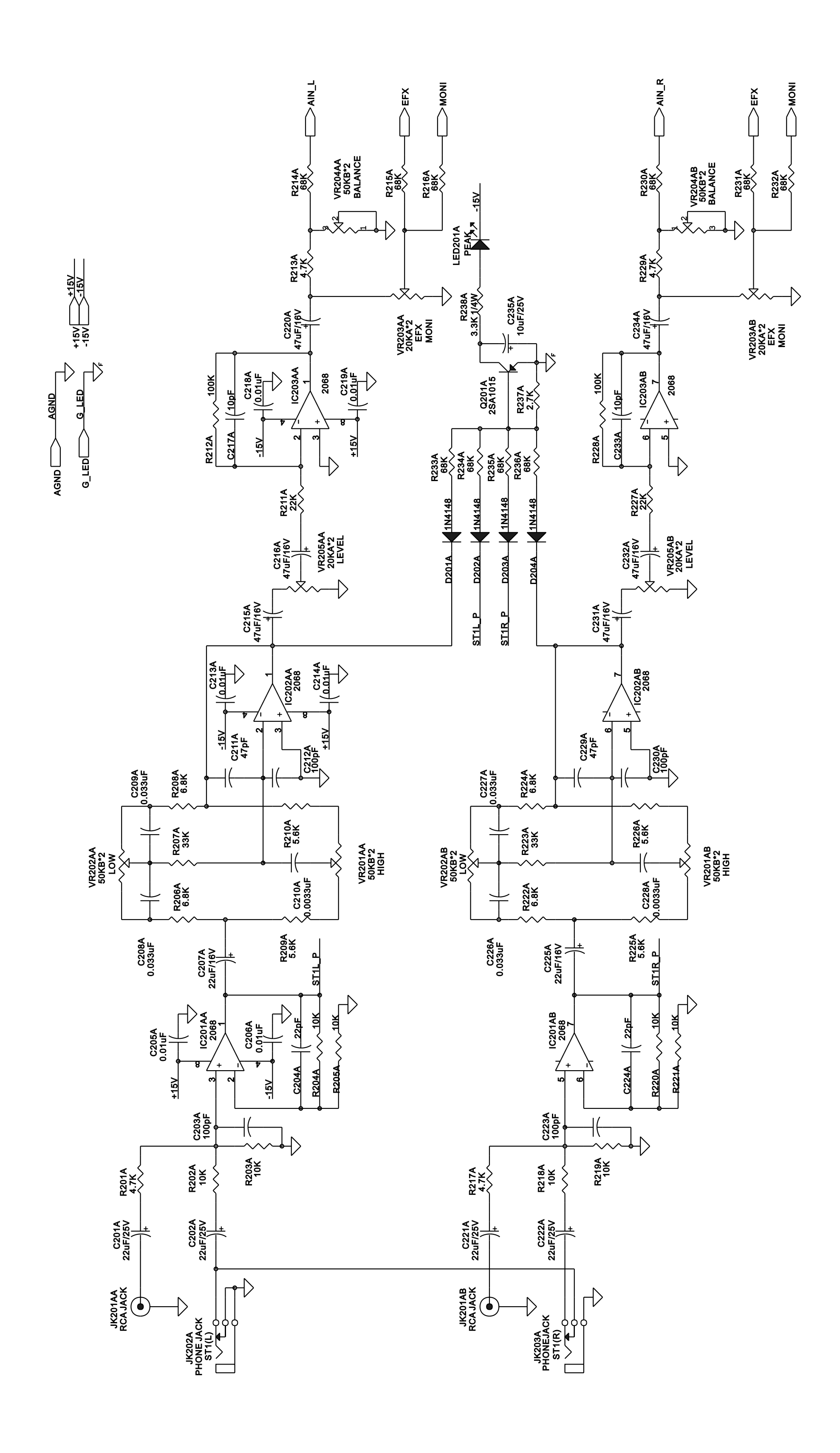


SPK2 SPEAKER TWEETER
SPK1 SPEAKER WOOFER
L_SPEAKER T
L_SPEAKER_W
NTC901 30V/1.85A
R905 1.5 20W
L904 0.32mH
L902 0.2mH
R902 REF
C904 1uF/100V
L901 0.1mH
R901 6 20W
R903 8 20W
R904 8 20W
C901 0.56uF/100V
C902 2.2uF/100V
L903 0.5mH
C903 4.7uF/100V
L_SPK

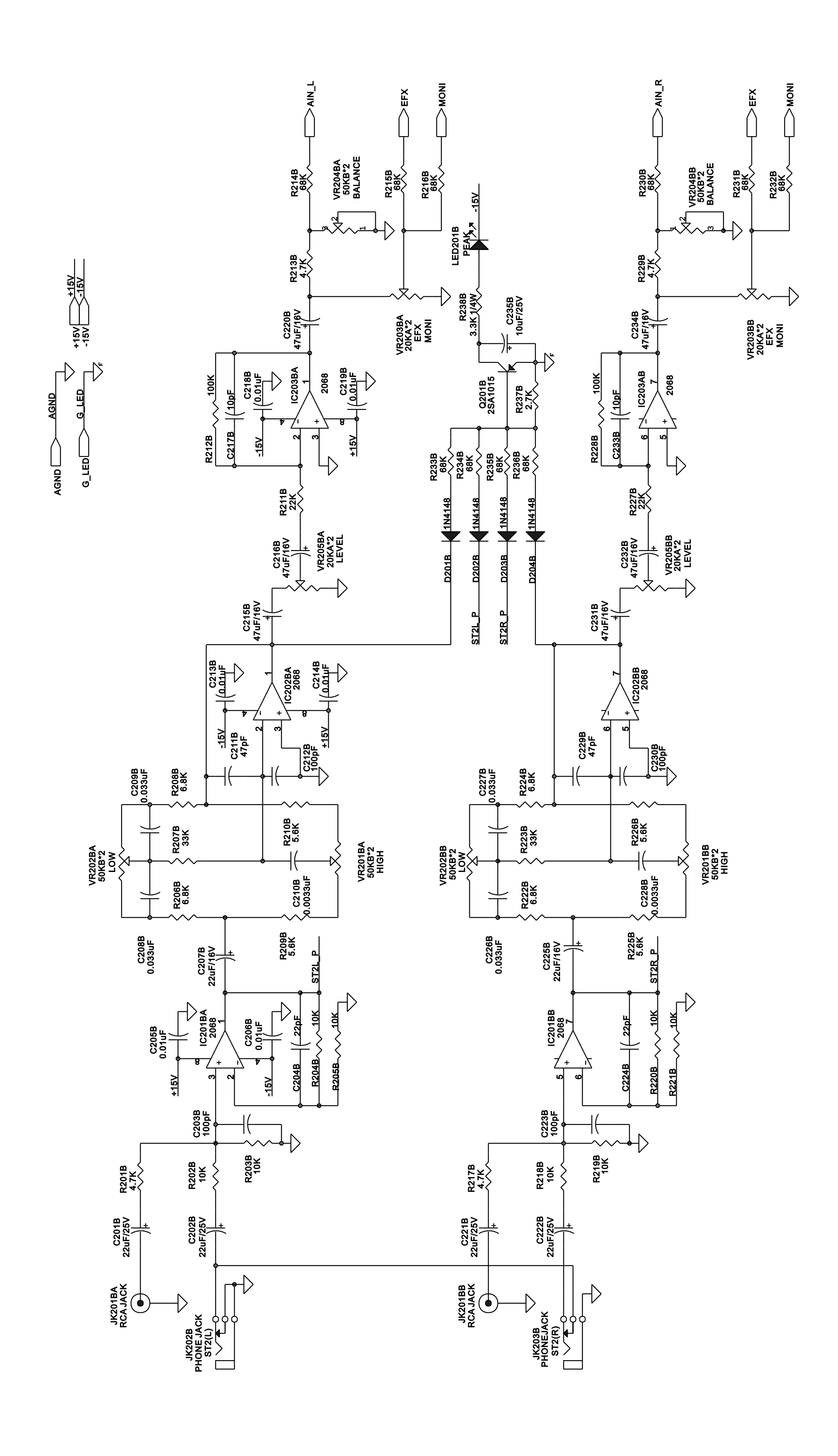
SPK2 SPEAKER TWEETER
SPK1 SPEAKER WOOFER
R_SPEAKER T
R_SPEAKER_W
NTC901 30V/1.85A
R905 1.5 20W
L904 0.32mH
L902 0.2mH
R902 REF
C904 1uF/100V
L901 0.1mH
R901 6 20W
R903 8 20W
R904 8 20W
C901 0.56uF/100V
C902 2.2uF/100V
L903 0.5mH
C903 4.7uF/100V
R CHANNEL SAM AS L CHANNEL
R_SPK

JK901 PHONEJACK
L_SPK
JK902 PHONEJACK
R_SPK

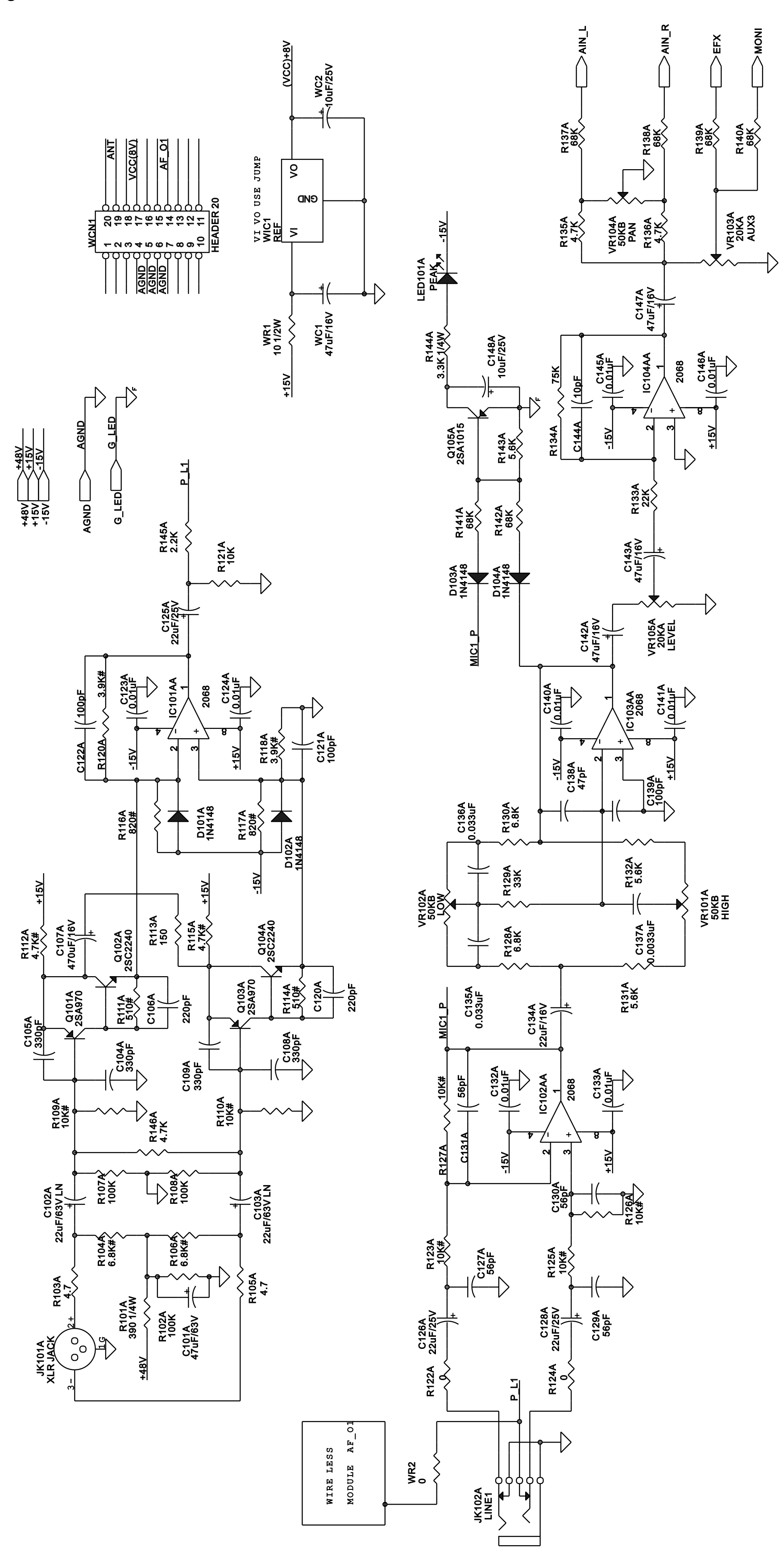
ST1 INPUT-260



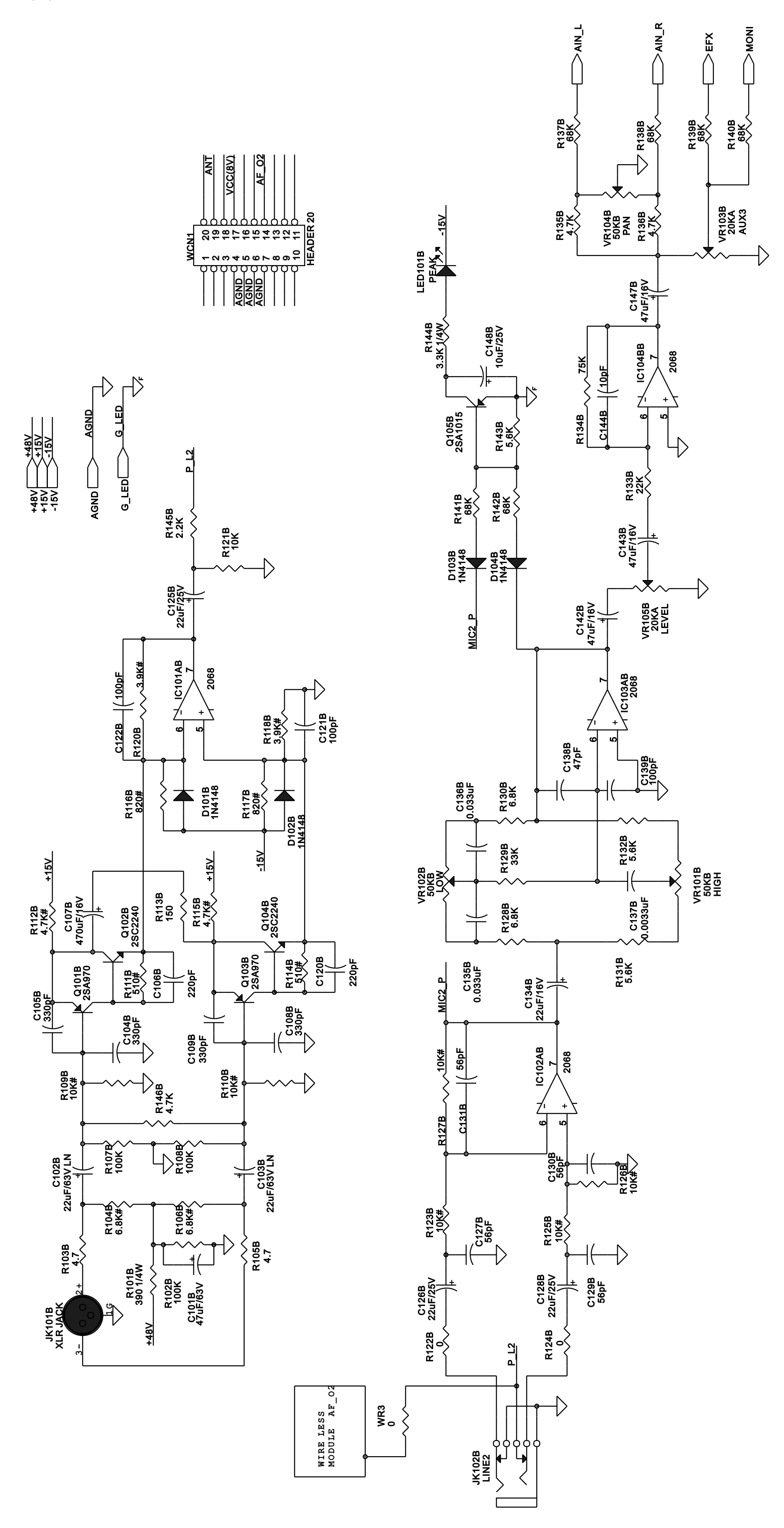
ST2 INPUT-260



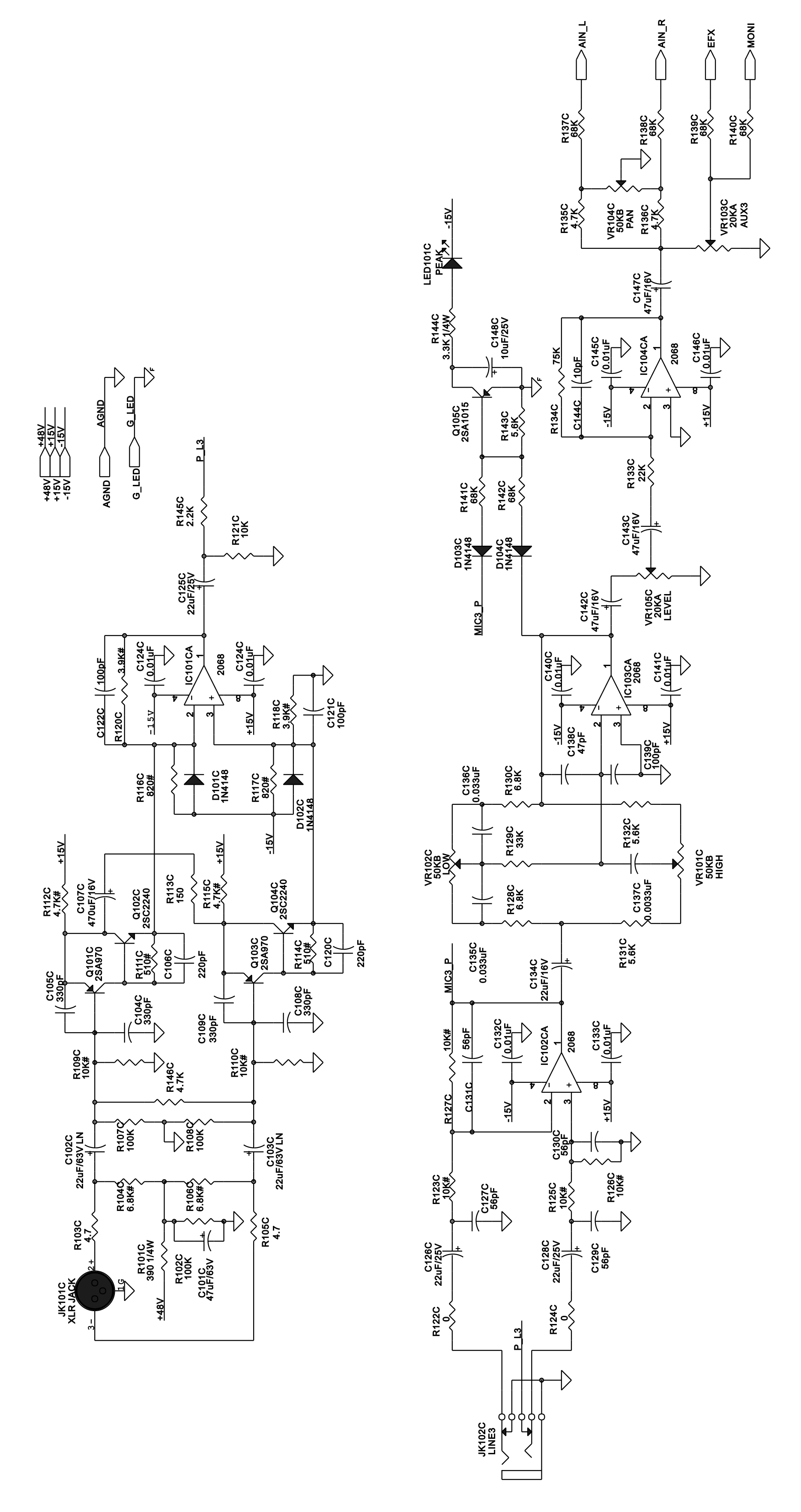
CH_1 INPUT-260



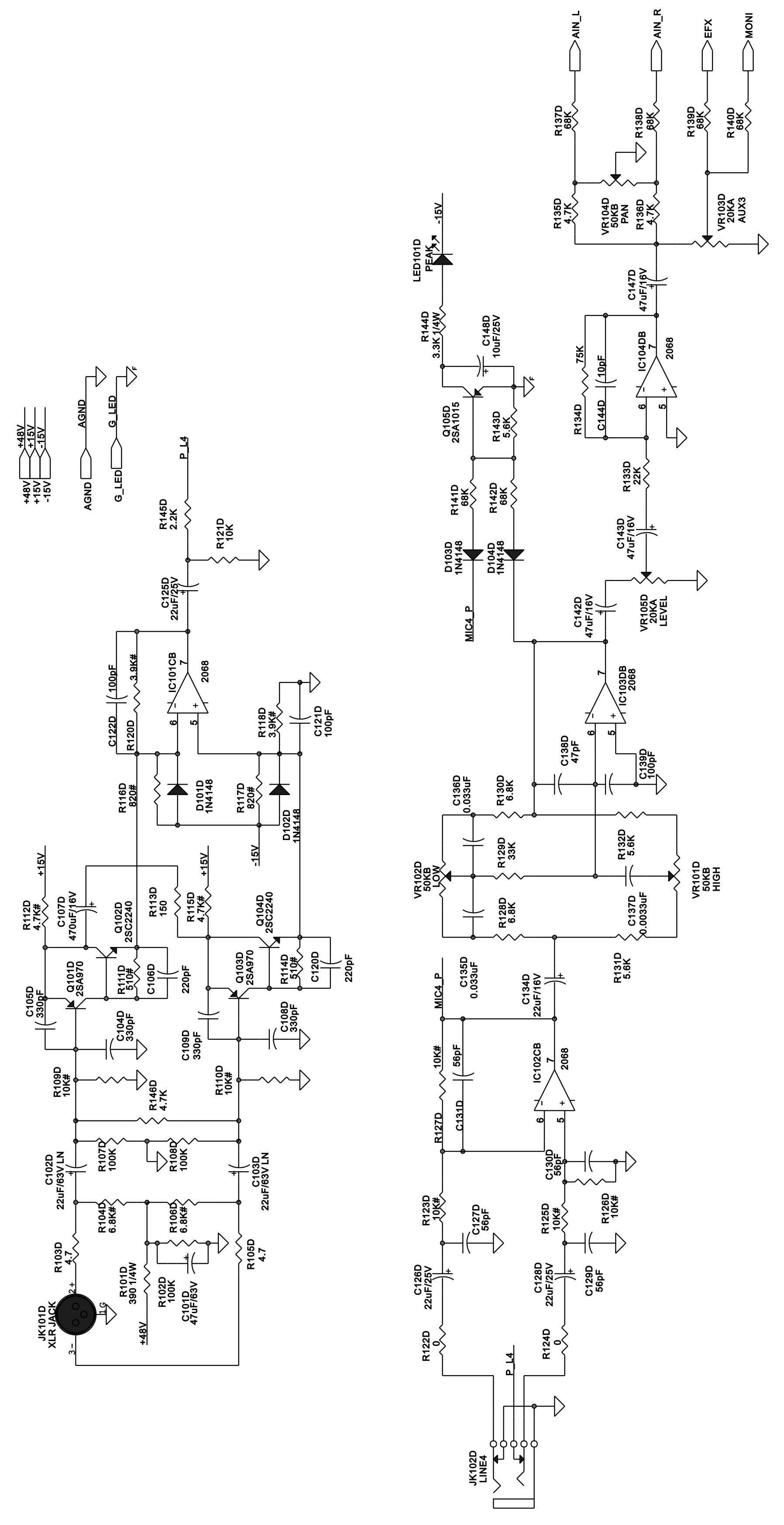
CH_2 INPUT-260



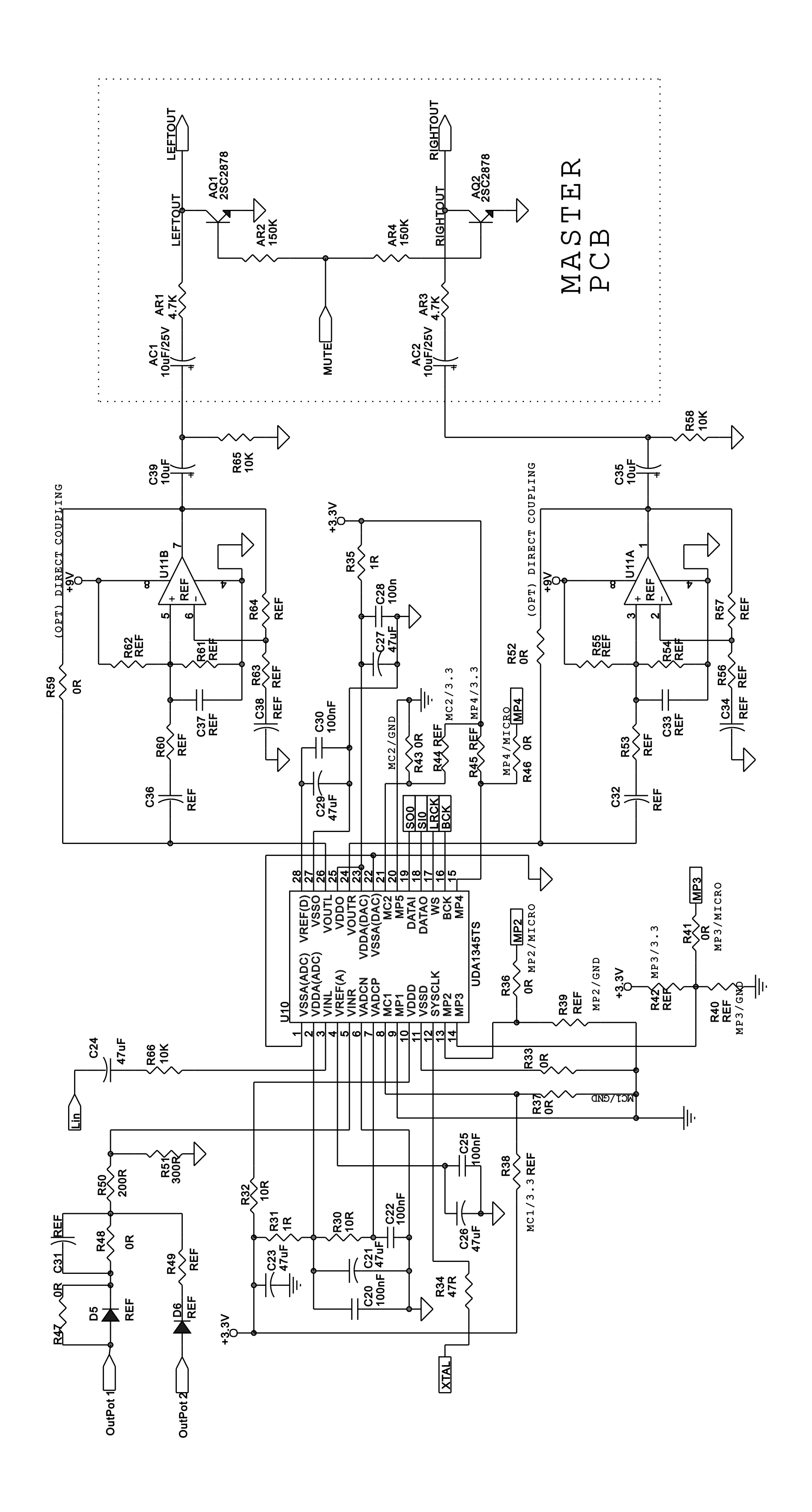
CH_3 INPUT-260



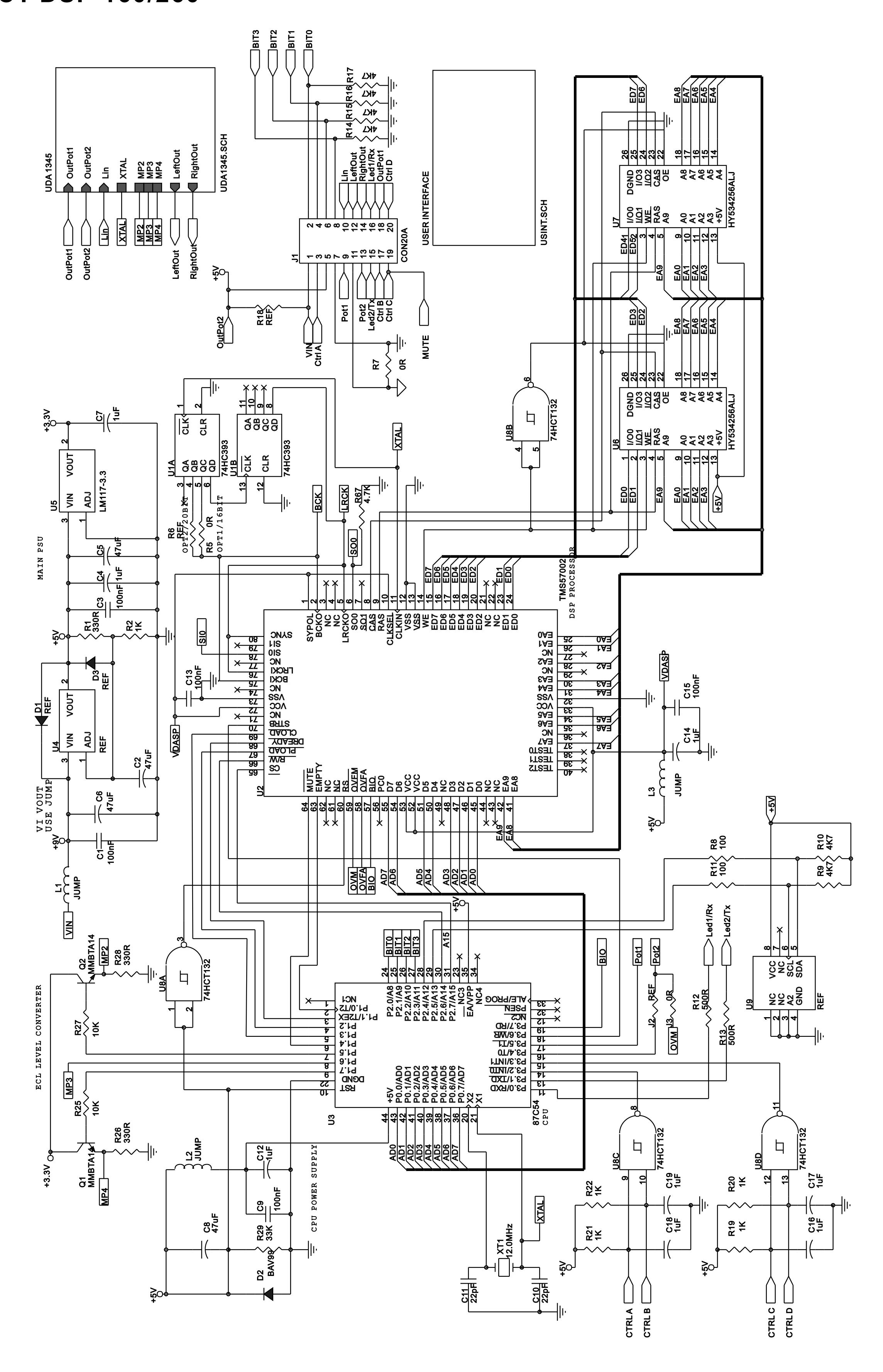
CH_4 INPUT-260



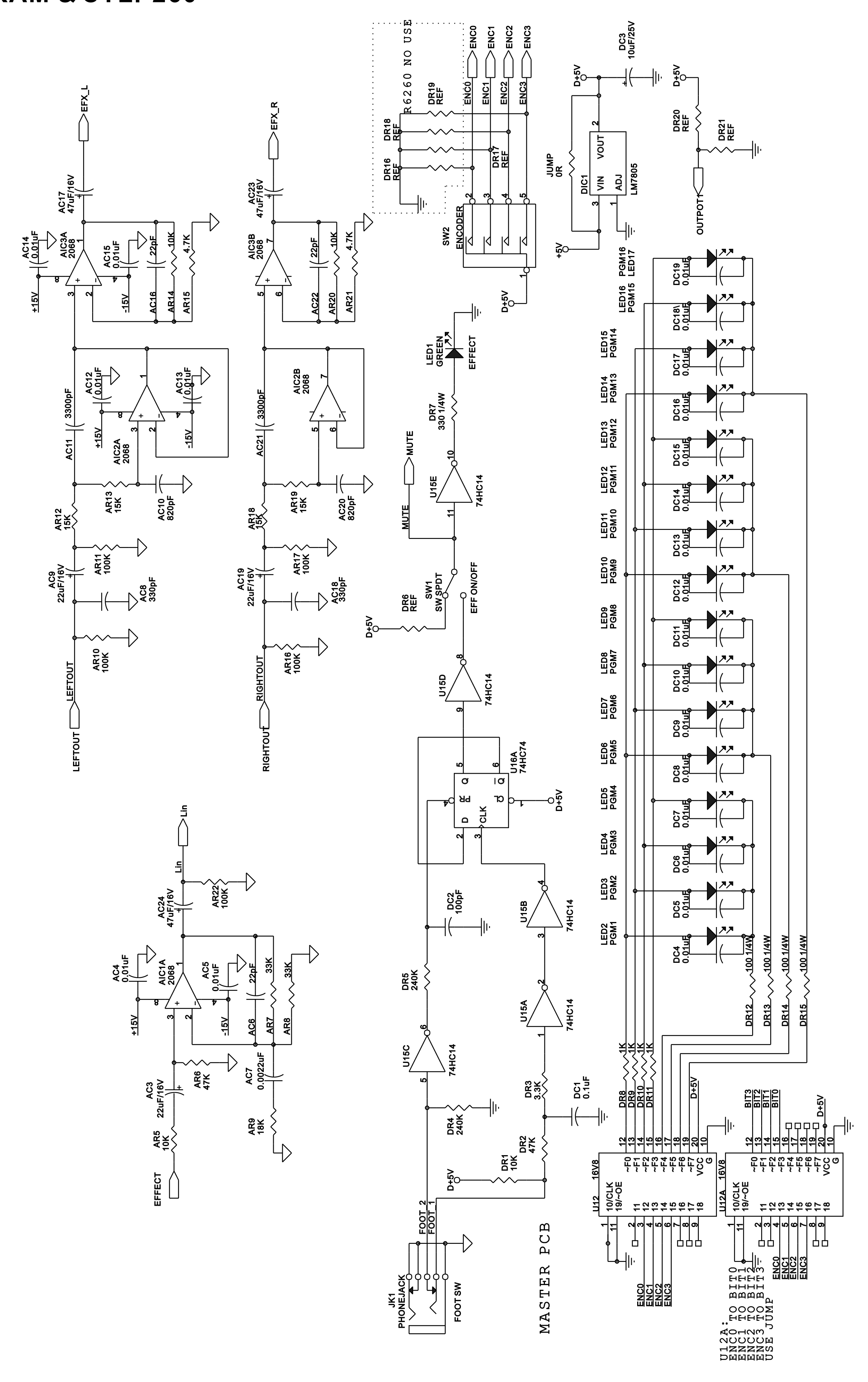
A/D D/A CONVERTER-160/260



EFFECT DSP-160/260



PROGRAM & CTL.-260



BOM160

Ref.	Phonic Part No.	Specifications
	B37-95013-410-1	ROADGEAR160 PHONIC UL
FS701	280-63263-000-0	FUSE 6.3A 250V VDE/CE S
	370-08010-721-0	P/CORD 120V 10A 6F 3PUL/CSA
	B37-95015-410-0	ROADGEAR160 PHONIC
	211-09045-000-0	BOT. ENTRY SOCKET 1.58PSL HSG 1X04
	211-12300-040-0	AC/S 0717-1-PS
	212-01260-000-0	6D3/P 2.8*5.6MM CABLE WITH D6.3 PLUG BLK
JP802	212-10041-310-0	4P WAFER/P 500MM PH=3.96
JP707	212-10041-320-0	4P WAFER/P 150MM PH=3.96MM
	280-10366-000-0	FUSE T10A UL/CSA S 5*20
	281-04000-000-0	FUSE HOLDER FH-B02 EDK
	305-00000-000-0	MAG-CORE LPZT31*19*10
	321-00000-007-0	CABLE TIE HW-100MM
	347-00000-200-0	FAN SP802524H 24VDC
AC SOCKET TO PCB	379-30100-121-0	M.WIRE UL1617#16 100MM RED
POWER SW	385-02501-221-0	2P M.RIBBON WIRE UL1617#18 105℃ 500MM
	510-21340-000-0	PANEL RG160 SECC
	510-21340-100-0	PANGL RG160
	512-20720-020-0	MIXED PANEL ROADGEAR series (RG260-281-X
	512-20730-020-0	LOGO PANEL 110.4*19*7MM ABS(RG260-301-X)
	516-20540-020-0	TOP COVER ROAD GEAR_series (RG260-211-X)
	517-20760-020-0	BOT COV. ROAD GEAR_series(RG260-221-X)
	518-20400-020-0	SOCKET COV. ROAD GEAR_series(RG260-251-X
	518-20410-020-0	BOX COV. ROAD GEAR_series(RG260-261-X)
	518-20420-020-0	HANDLE COV. ROAD GEAR_series(RG260-291-X
	524-20009-010-0	TOP HANDLE PA550
	525-20008-000-0	FEET D38*26MM PA550
	525-20009-030-0	FEET D20*20 GL-20-B
POWER SW LED	529-20032-000-0	LED ACRYLIC LENS 11.5*6*3t
ALL ROT/VR*27	540-20450-020-0	R/KNOB 8420C BODY+BLK LINE
POWER SW	542-20320-020-0	P/KNOB ABS BLK
EFX ON/OFF*1	542-60090-122-0	P/KNOB 9.5*5.5*8 LOW WHT
POWER SW BUSH.	543-20210-020-0	P/KNOB BUSH. BLK ABS
POWER SW BRKT	551-20079-420-0	PUSH BRKT ABS I_SERIES
	551-20081-420-0	WHEEL BRKT. BLK PC (RG260-241-X)
	551-20085-100-0	HEAT SINK BRKT. BLK SECC (RG260-071-X)
	551-20085-100-F	HEAT SINK BRKT MATERIAL

Ref.	Phonic Part No.	Specifications
	551-20086-100-0	PANEL BRKT. SECC (RG260-081-X)
	551-20087-100-0	SW BRKT. BLK SECC RG260-091-X
	551-20088-100-0	FAN BRKT. SECC RG260-121-X
	551-20088-100-F	FAN BRKT SECC. MATERIAL
	551-20089-400-0	WHEEL BRKT. 901P-58 SECC (901P-58)
	551-20090-100-0	WHEEL BRKT. RG260/160 SECC(RG260-351-XX)
	552-20091-420-0	FIXED ROAD GEAR (RG260-271-X)
	552-60041-000-0	FISED SUC1.2 RG260
	553-20016-480-0	PCB SHIELD PLATE 427*201*0.5(RG260-431-X
	560-61050-000-0	CARTON RG160
	561-21440-010-0	G/B RG260
	562-24400-000-0	PULP PANEL (A)794.28*836 (RG260-311-X)
	562-24410-000-0	PULP PANEL (B) 433.9*362 (RG260-331-X)
	562-24420-000-0	PULP PANEL (C) 967*360 (RG260-341-X)
	565-20062-000-0	POLYLON 250*100*35 RG_series
	566-10002-010-0	SPONGE 160*10*2MM
	566-10015-010-0	SPONGE 40*10*5
	568-00003-000-0	#10 240*340*0.05
	568-20086-070-0	PPC BAG ROAD GEAR
	568-60079-000-0	GE BAG:1250*980mm BT50
	572-00000-050-0	DRYER 5g
	573-10124-010-0	GND LABEL MAR2
	573-20229-000-0	VOLT LABEL RG160
	573-60240-000-0	BAR CODE LABEL PHONIC
	573-60343-000-0	LABEL BLUE D=8mm
	573-60343-100-0	LABEL SILVER D=8mm RG160/260
	573-60950-000-0	FUSE LABEL T10A H 250V 30*8mm
	573-60960-000-0	CAUTION LABEL 20*77mm
	574-37960-110-0	OWN. MANU. RG260 PHONIC
FIXED HANDLE*4	590-25024-200-7	M/E BID SCR. M5*24 BLK
POWER SW&BRKT*2, POWER SW*2.FAN FIXED&HEAT SINK&BOSS*7.	590-33004-100-0	M/E PAN SCR. M3.0*4 NI
BOSS&AC	590-33006-200-0	M/E RUD SCR. M3*6 BLK

Ref.	Phonic Part No.	Specifications
GND*1,115/230V SW*2	590-33008-100-0	M/E RUD SCR M3.0*8 NI
PANEL&PANEL	590-43010-200-0	M/E PAN SCR M3.0*10 BLK
FIXED FAN*4	590-43032-100-0	M/E PAN SCR.M3.0*32 NI
FIXED FEET*2	590-44025-200-0	M/E PAN SCR M4*25 BLK
	590-54012-200-0	M/E SET SCR. M4*12 BLK
RCA JACK*2, XLR JACK*6	591-33008-100-0	T/P RUD SCR. M3*8 NI
D.SUB&CASE*4	591-43014-200-0	T/P PAN SCR. D3.0*14 BLK
FEET*2	591-45025-200-0	T/P PAN SCR. M5.0*25 BLK
	591-53008-200-0	T/P SET SCR. D3.0*8 BLK
FIX LOCK*1	591-53010-200-0	T/P SET SCR. M3.0*10 BLK
	591-54012-200-0	T/P SET SCR. D4.0*12 BLK
MIXER PANEL	591-55050-200-0	T/P SET SCR. D5*50 BLK
MASTER PCB&BOSS*2..FIXED FAN*4	600-00302-010-0	HEX. NUT M3.0*2.0 NI
FIXED FEET*2	600-20402-000-0	NUT M4.0*2.0 ZN L14*W10
FIXED FAN*4	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
	610-00301-018-0	FIBER WAS. D3.0*8*1
MIC JACK	610-00352-016-0	FIBER WAS. D3.5*7*2 (RED)
FIX LOCK*1	610-12291-018-0	SQU. WAS. 22*9*1
JACK*17	610-20900-501-0	IN. TOOTH WAS. D9*0.5 NI
	610-30301-001-0	TOOTH WAS. D3*D8*1 NI
FIXED FAN*4	610-60301-006-0	SPR .WAS. D3*D5*1 NI
MASTER PCB & PLATE*11, DSP&PLATE*4	615-20114-630-0	BOSS M3*(8+4)
PCB&FAN*4	615-60023-630-0	BOSS L=16MM M3.0
FIXED FAN	615-60075-600-0	FAN BOSS D8*D5.8*16.3
	615-60086-630-0	HEX. BOSS L=8mm D=9mm
	620-10000-001-0	WHEEL 901P-58 58MM PU
SW401.702	631-10027-000-0	HEMELON 24*12
	T01-00100-002-0	UM-99 PHONIC NO
	W37-95015-410-0	RG160 WOOD CASE

Ref.	Phonic Part No.	Specifications
	211-01602-190-0	PHONO JACK EPJ-68
	212-10023-710-0	2P WAFER/P 400MM PH=3.96MM
	212-10041-330-0	4P WAFER/P 320MM PH=3.96MM
	341-01052-520-0	TWEETER 1” 6R 25W
	341-08007-000-0	WFPHO20003003E 8” 8ohm 70W
	510-21330-020-0	FRONT PANEL RG260(RG260-161-X)
	512-20670-090-0	LOGO PANEL
	512-20740-020-0	TRIM PANEL ROAD GEAR PP(RG260-171-X)
	516-20530-020-0	TOP COVER ROAD GEAR series(RG260-141-X)
	518-20430-020-0	TRIM COV. BLK ROAD GEAR (RG260-201-X)
	522-20140-020-0	SPEAKER CASE ROAD GEAR (RG260-131-X)
	524-20013-020-0	HANDLE ROAD GEAR (RG260-151-X)
	525-20010-000-0	FEET 64.5*23*6.5 BLK (RG260-191-X)
	528-20019-000-0	SPEAKER NET 8002C ROAD GEAR (RG260-031-X
	551-20082-100-0	TO COV. BRKT. BLK SECC (RG260-011-X)
	551-20083-100-0	HANDLE BRKT. BLK SECC (RG260-021-X)
	552-20092-000-0	FIXED BLK SECC ROAD GEAR (RG260-051-X)
	552-20092-000-F	FIXED BLK SECC MATERIAL
	552-20093-420-0	CASE FIXED ROAD GEAR
	566-20074-011-0	SPK. NET SPONGE 1059*12*0.5MM PA450
	566-60037-000-0	SPONG 135*18*1.5mm
	566-60038-010-0	SPONGE 1300*20*5mm
	573-60940-000-0	CASE LABEL 60*15MM RG160
CASE&BRTK*4	590-06030-200-0	M/E FLT SCR. M6*30 D11 BLK
	590-33008-200-0	M/E RUD SCR. M3.0*8 BLK
	590-54008-200-0	M/E SET SCR. M4.0*8 BLK
TOP COV.&BRKT	590-54019-200-0	M/E SET SCR M4.0*19 BLK
NET&FRONT COV.*2	591-33008-100-0	T/P RUD SCR. M3*8 NI
	591-34020-200-0	T/P RUD SCR. D4*20 BLK
PCB&CASE*6,TOP COV&TOP COV BRKT*4,HANDLE&FRONT COV*3	591-43010-200-0	T/P PAN SCR. D3.0*10 BLK
HORN	591-54012-200-0	T/P SET SCR. D4.0*12 BLK

Ref.	Phonic Part No.	Specifications
CASE&TOP COV*8.CASE&SPK.*8	591-54020-200-0	T/P SET SCR. D4.0*20 BLK
	610-00501-202-7	WASHER D12*D5*1.2t BLK
	615-70003-210-0	BOT BOSS D35*D108*89 SFJ308
	633-20008-000-0	CASE RUBBER BLK ROAD GEAR
	639-20000-110-0	HORN ROAD GEAR series
	F37-95000-001-0	ROADGEAR160 MASTER PCB M/I
WR1	000-10036-400-0	CF RES 10 J 0.5W T
CDS401.402	010-00001-010-0	CDS P873-G35-552 HAMAMATSU
VR103B-103D.105B-105D	022-20350-001-0	S.ROT/VR 20KA L=30MM F=12MM
VR101B-101D.102B-102D.104B-104D	022-50350-011-0	S.ROT/VR 50KB(C.C)L=30MM
	023-20350-001-0	D.ROT/VR 20KA 30MM P
VR201A.202A.204A.402.403.404	023-50350-001-0	D.ROT/VR 50KB(C.C) 30MM P
D733.734	090-00007-020-0	DIODE 1N4004 SILTEK T
D735	090-01513-110-0	Z/D10DE 51V 1W MOTOROLA
BD401.402	090-10000-000-0	B/DIODE PB154
LED101B-101D.201A.401.402	100-00010-030-0	LED BL-B5141 RED
LED1.8-11	100-00050-000-0	LED BL-B2141 GRN
PLED1	100-00150-040-0	LED 2*4mm BL-RGE131 Green
Q716	120-00005-000-0	TRAN MJE340 MOTOROLA
U16	171-00000-310-0	CMOS IC HD74HC74P HITACHI
U15	171-00003-500-0	CMOS IC 74HC14 HITACHI
SW2	210-00204-040-0	ROT/SW. SR1712-0204-225F2A-N9-N
SW401.702	210-01202-360-0	SLD/SW SS70020-02020-14T-021-MM
SW1	210-02202-070-0	PUSH/SW SPEC12HC11-JP
JK401.201	211-00021-100-0	RCA JACK RL-1414-2D
	211-01601-240-0	6D3/J JY-6351-02-130 SCJ-0658
JK1.102B-102D	211-01602-380-0	6D3/J (SCJ-0658-Y)
JK406	211-01602-390-0	6D3/J JY-6351-02-030 SCJ-0658
JK801-804	211-01602-560-0	6D4/J YLJ-6405-300 (NUT&WASHER)
JK101B-101D	211-03300-160-0	XLR/J SKCA229-1K3F2

Ref.	Phonic Part No.	Specifications
J2	211-09202-000-0	20P B.E./S
PCN1.CN402	211-10021-161-0	2P WAFER/S TJC3-2A P=2.5MM
CN802	211-10044-040-0	4P WAFER/S A3963WV2-4P
WCN2.3	211-10050-011-0	5P WAFER/S P=2.0
CN101*2	211-14202-000-0	D-SUB/S 3231-20P
POWER LED	212-10022-680-0	2P WAFER/P 100MM UL1007#24 P=2.5MM
	212-10050-010-0	5P WAFER/S PH=2.0 300MM
JP501&JP601	212-10160-120-0	16P WAFER/P #24 AWG P=2.5 550+500MM
CN101*2	379-01401-101-0	WIRE UL1007#26 400mm BLK
U12A	382-00009-010-0	TINNER WIRE 9MM*D0.6
DIC1.WIC1	382-10005-010-0	TINNER WIRE 5MM D0.6
LED BOSS	615-20125-620-0	LED BOSS LED3-22
	C37-95000-001-0	ROADGEAR160 MASTER PCB SMD
R122B-122D.124B-124D.412.WR3.4	008-00002-600-0	CHIP RES. 0 J 0603
R406.432.453.464.473.476.477	008-01012-600-0	CHIP RES. 100 J 0603
AR5.14.20.DR1.R121B-121D.202A.203A.204A.205A.218A-221A.R301-304.306	008-01032-600-0	CHIP RES. 10K J 0603
R307-309.403.416.421-423.429.435.439.444	008-01032-600-1	
AR10.11.16.17.R107B-107D.108B-108D.405.407.411.414.425.426.431.433.437.448.449	008-01042-600-0	CHIP RES. 100K J 0603
R454.102B-102D.212A.228A	008-01042-600-1	
R404.410.430.436.452	008-01232-600-0	CHIP RES. 12K J 0603
R113B-113D.462.471	008-01512-600-0	CHIP RES. 150 J 0603
AR12.13.18.19	008-01532-600-0	CHIP RES. 15K J 0603

Ref.	Phonic Part No.	Specifications
AR2.4	008-01542-600-0	CHIP RES. 150K J 0603
AR9.R459.460.468.469	008-01832-600-0	CHIP RES. 18K J 0603
R455	008-02212-600-0	CHIP RES. 220 J 0603
R145B-145D.456.465	008-02222-600-0	CHIP RES. 2.2K J 0603
R133B-133D.211A.227A.401.408.409.427	008-02232-600-0	CHIP RES. 22K J 0603
DR4.5	008-02442-600-0	CHIP RES. 240K J 0603
R415.418.420.438.441.443.237A	008-02722-600-0	CHIP RES. 2.7K J 0603
DR3.R461.470	008-03322-600-0	CHIP RES. 3.3K J 0603
AR7.8.R129B-129D.207A.223A.424.447	008-03332-600-0	CHIP RES. 33K J 0603
R463.472	008-03922-600-0	CHIP RES. 3.9K J 0603
AR1.3.15.21.R135B-135D.136B-136D.R146B-146D.201A.213A.217A.229A.DR16-19	008-04722-600-0	CHIP RES. 4.7K J 0603
AR6.DR2	008-04732-600-0	CHIP RES. 47K J 0603
R103B-103D.105B-105D	008-04772-600-0	CHIP RES. 4.7 J 0603
R131B-131D.132B-132D.209A.210A.225A.226A.143B-143D	008-05622-600-0	CHIP RES. 5.6K J 0603
R305.310	008-05632-600-0	CHIP RES. 56K J 0603
R434.450	008-06232-600-0	CHIP RES. 62K J 0603
R417.419.440.442	008-06812-600-0	CHIP RES. 680 J 0603
R128B-128D.130B-	008-06822-600-0	CHIP RES. 6K8 J 0603

Ref.	Phonic Part No.	Specifications
R137B-137D.138B-138D.139B-139D.140B-140D.141B-141D.142B-	008-06832-600-0	CHIP RES. 68K J 0603
R231A.232A.233A.234A.235A.236A	008-06832-600-1	
R134B-134D.402.428	008-07532-600-0	CHIP RES. 75K J 0603
R109B-109D.110B-110D.123B-123D.125B-125D.126B-126D.127B-127D	008-10022-400-0	CHIP RES. 10K F 0603
R118B-118D.120B-120D	008-39012-400-0	CHIP RES. 3.9K F 0603
R457.458.466.467	008-49912-400-0	CHIP RES. 4K99 F 0603
R111B-111D.114B-114D	008-51002-400-0	CHIP RES. 510 F 0603
R104B-104D.106B-106D	008-68012-400-0	CHIP RES. 6.8K F 0603
C144B-144D.217A.233A.402.407.411.423.427.456.433.438.442.447.454.460.463	039-10024-220-0	CHIP C/C 10PF J 50V 0603
C121B-121D.122B-122D.139B-139D.203A.212A.223A.230A.302.308.472.467	039-10124-220-0	CHIP C/C 100PF J 50V 0603
CDC2	039-10124-220-1	
AC4.5.12-15.C420.451.468.469	039-10325-220-0	CHIP 0.01UF 50V K 0603 X7R

Ref.	Phonic Part No.	Specifications
C205A.206A.213A.214A.218A.219A.304.305.403.404.412.413.425.426.428.429.434.435	039-10426-230-0	CHIP C/C 0.1MF M 50V 0603
C123A.123C.124A.124C.133A.133C.132A.132C.140A.140C.141B.141C.145A.145C.146B.146D	039-10426-230-1	
C466.471.443.444.461.462.DC1	039-10426-230-2	
C421.452	039-12324-220-0	CHIP C/C 0.012MF J 50V 0603
C422.453	039-15324-220-0	CHIP C/C 0.015MF J 50V 0603
AC16.22.6.204A.224A.303.309	039-22024-200-0	CHIP C/C 22PF J 50V 0603
C106B-106D.120B-120D	039-22124-220-0	CHIP C/C 220PF J 50V 0603
AC7	039-22224-220-0	CHIP C/C 0.0022UF J 50V 0603
C424.455	039-27024-220-0	CHIP C/C 27PF J 50V 0603
AC8.18.C104B-104D.105B-105D.108B-108D.109B-109D	039-33124-220-0	CHIP C/C 330PF J 50V 0603
AC11.21.C137B-137D.210A.228A	039-33224-220-0	CHIP C/C 0.0033MF J 50V 0603
C135B-135D.136B-	039-33324-220-0	CHIP C/C 0.033MF J 50V 0603
C419.450	039-39224-220-0	CHIP C/C 0.0039MF J 50V 0603
C138B-138D.211A.229A	039-47024-220-0	CHIP C/C 47PF J 50V 0603
C127B-127D.129B-129D.130B-130D.131B-131D	039-56024-220-0	CHIP C/C 56PF J 50V 0603
AC10.20	039-82124-220-0	CHIP C/C 820PF J 50V 0603
AIC1.2.3.IC101A.C.102A.C.103A.C.104A.C.201A.202A.203A.301.401-408	160-00021-300-0	IC NJM2068 SMD JRC(NJM4580M JRC)

Ref.	Phonic Part No.	Specifications
	290-37960-001-0	PCB RG260 A MAIN
	H37-95000-001-0	ROADGEAR160 MASER PCB A/I
R750	000-10126-400-0	CF RES. 100 J 0.25W T
DR12A-15A	000-10226-400-0	CF RES. 1K J 0.25W T
R748	000-15226-400-0	CF RES. 1K5 J 0.25W T
DR7.749	000-33126-400-0	CF RES. 330 J 0.25W T
PR1.R144B-144D.238A	000-33226-400-0	CF RES. 3K3 J 0.25W T
R101B-101D	000-39126-400-0	CF RES. 390 J 0.25W T
R751	000-39726-400-0	CF RES 3.9J 1/4W T
R116B-116D.117B-117D	006-22010-440-0	MF RES 2K2 F 1/8W T
R112B-112D.115B-115D	006-47010-440-0	MF RES 4K7 F 1/8W T
C148B-	030-10638-0A0-0	E/C 10MF Z 25V 5*11 T
C401.410.432.441.459	030-10728-0A0-0	E/C 100MF Z 16V 6*11 T
AC19.3.9.C134B-134D.207A.225A.306.340	030-22628-0A0-0	E/C 22MF Z 16V 5*11 T
C125B-125D.126B-126D.128B-128D.201A.202A.221A.222A.301.307	030-22638-0A0-0	E/C 22MF Z 25V 5*11 T
C408.439.464	030-22728-0A0-0	E/C 220MF Z 16V 8*11 T
AC17.23.24.C142B-142D.143B-143D.147B-147D.215A.216A.220A.231A.232A.234A.405.406	030-47628-0A0-0	E/C 47MF Z 16V 5*11 T
C409.414.415.417.418.430.431.436.437.440.445.446.448.449.457.458.465.470.475.WC1	030-47628-0A0-1	

Ref.	Phonic Part No.	Specifications
C107B-107D	030-47726-000-0	E/C 470MF M 16V 8*16 P
C102B-102D.103B-103D	033-22668-0A0-0	LN E/C 22MF Z 63V 6*11 T
C101B-101D.754.755	035-47665-0A0-0	MINI E/C 47MF K 63V T
D736	090-01223-000-0	Z/DIODE 22V 0.5W 1N5251B
D737	090-01273-010-0	ZEN/DIODE 27V K 0.5W
D101B-101D.102B-102D.103B-103D.104B-	090-02000-020-0	DIODE 1N4148 T26MM MINI
Q717	120-00000-800-0	TRAN. 2SC1815 GR TOSHIBA
Q102B-102D.104B-104D	120-00001-010-0	TRAN 2SC2240-BL TOSHIBA
AQ1.2	120-00006-200-0	TRAN. 2SC2878 TOSHIBA
Q105B-105D.201A	121-00000-200-0	TRAN. 2SA1015 GR TOSHIBA
Q101B-101D.103B-103D	121-00000-500-0	TRAN 2SA970-BL TOSHIBA
Q715	122-00000-200-0	FET 2SK30A-GR TOSHIBA
JUMP1.2	382-00010-010-0	TINNER WIRE 10MM*D0.6
	F37-95000-002-0	ROADGEAR160 POWER PCB M/I
R735	003-10071-602-0	CEMENT RES. 10 J 2W P
R733	003-10073-601-0	CEMENT RES. 10 J 5W U
R731	003-51074-602-0	CEMENT RES. 51 J 7W
R819	005-15226-200-6	MOF RES. 1K5 2W +/-5%
R729.730	005-47026-200-6	MOF RES. 47J 2W +/-5%
R723	006-10003-420-0	MF RES. 100F 0.5W M
R702.703	006-10034-440-0	MF RES. 100K F 1W T
R742	006-10084-440-0	MF RES. 1 F 1W T
R704.709	006-15013-440-0	MF RES. 1K5 F 0.5W T
R707	006-47013-440-0	MF RES. 4.7K F 0.5W T
R738	006-51013-440-0	MF RES. 5.1K F 0.5W T
PT701	011-10020-001-0	THERMISTER NSA05C310-301
SVR701	020-20238-000-0	R/VR. 2KB 0.5W D10 S 3M
C725.726	030-22866-200-0	E/C 2200UF 63V M D16*40
C721	030-47738-003-0	E/C 470MF Z 25V 10*17 P
C706.707	030-567A6-200-0	E/C 560UF M 250V P
T705	070-2076B-800-0	POWER X'MER 100/115/230V

Ref.	Phonic Part No.	Specifications
T703	070-2082B-800-0	POWER X'MER 110/115*230V
T702	070-2084B-800-0	X'MER 110/115/230V
T704	070-2085B-800-0	X'MER RG160/260
L703	072-20132-000-0	CHOCK COIL 1116
L704	072-20133-000-0	CHOCK COIL 1117
RY801	076-02422-010-0	RELAY OSA-SH-224DM3M
D711.713.715.716	090-00001-030-0	DIODE UF4003
D721	090-00003-000-0	DIODE 1N4007 SILITEK
D709.710	090-00003-010-0	DIODE UF4007
D704.803.804	090-00007-020-0	DIODE 1N4004 SILTEK T
D718	090-00030-000-0	DIODE H16C40C MOSPEC
D720	090-00032-000-0	DIODE H16C40A MOSPEC
ZD706	090-01243-100-0	ZENER DIODE 24V J 1W
D703	090-10000-000-0	B/DIODE PB154
D702	090-10020-000-0	B/DIODE BR108
LED701	100-00040-000-0	LED BL-B3141 YLW
Q701.702.704	120-00002-100-0	TRAN. 2N3904 RCA
Q711	120-00009-900-0	TRAN TIP102ST
Q703	121-00001-200-0	TRAN. 2N3906 RCA
Q712	121-00005-800-0	TRAN. TIP42 SGS
Q705.706.707.708	122-00003-200-0	MOSFET IRF840
IC701	160-00002-909-0	IC ST7915 SGS TO-220 (or Matsushita)
IC703	160-00004-114-0	IC UPC7805H NEC (KIA)
IC702	160-00005-909-0	IC ST7815 SGS TO-220 (or Matsushita)
OC701	160-00010-501-0	IC 4N35 LITON
U701	160-00027-900-0	IC KA3842B
CN801	210-10085-030-0	TMP/SW P82-85-05-100 85
CN701	211-10024-020-0	2P WAFER/S PH:3.96*2
CN702	211-10024-080-0	2P WAFER/S 5273-02A MOLEX
CN802	211-10044-040-0	4P WAFER/S A3963WV2-4P
CN704	211-10051-151-0	5P WAFER/S TJC3-5A PH=2.5MM 180
CN705	211-10074-000-0	7P WAFER/S A3963WV-7P PH=3.96 180
CN706	211-10084-020-0	8P WAFER/S 396108 180 P=3.96MM
Z702	301-47100-000-0	ZNR 470V
	313-00000-000-0	TRANSISTOR WASHER TO-220
D718.720.Q705-708.711.712.IC702.703	314-00000-050-0	BUSHES 602S(V.0) 180

Ref.	Phonic Part No.	Specifications
	321-00000-007-0	CABLE TIE HW-100MM
C737	382-00015-010-0	TINNER WIRE 15MM*D0.6
IC701	526-20001-110-0	HEAT SINK BLK 19*13*12 L=19MM
	526-20075-010-0	HEAT SINK 48*42*15MM
	552-20094-000-0	TMP/SW FIXED 24*10*0.8
THERMAL SWITCH	590-33004-100-0	M/E PAN SCR. M3.0*4 NI
POWER PCB&HEAT SINK*10.PT701*1	590-33006-100-0	M/E RUD SCR. M3.0*6 NI
D718.720.Q705-708.711.712.IC701-703	590-33008-100-0	M/E RUD SCR M3.0*8 NI
IC701*1	600-00302-010-0	HEX. NUT M3.0*2.0 NI
D718.720.Q705-708.711.712.IC701-703	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
D718.720.Q705-708.711.712.IC701-703,PT701*1	610-60301-006-0	SPR .WAS. D3*D5*1 NI
POWER PCB&LARGE HEATSINK*6	615-20114-630-0	BOSS M3*(8+4)
	H37-95000-002-0	ROADGEAR160 POWER PCB A/I
R811	006-10002-440-0	MF RES. 100 F 0.25W T
R706.711.715.716.717.720	006-10012-440-0	MF RES. 1K F 0.25W T
R712.713.809	006-10022-440-0	MF RES. 10K F 0.25W T
R812	006-10032-440-0	MF RES. 100K F 0.25W T
R739.818	006-12022-440-0	MF RES 12KF 0.25W T
R725	006-18002-440-0	MF RES. 180 F 0.25W T
R708	006-20022-440-0	MF RES. 20K F 0.25W T
R727	006-20032-440-0	MF RES. 200K F 0.25W T
R808	006-22012-440-0	MF RES 2K2 F 0.25W T
R810	006-22022-440-0	MF RES 22K F 0.25W T
R806.807.816	006-22032-420-0	MF RES. 220K F 0.25W M
R724	006-22072-440-0	MF RES. 22 F 0.25W T
R714	006-24022-440-0	MF RES. 24K F 0.25W T
R710	006-27032-420-0	MF RES. 270K F 0.25W M
R740	006-39002-440-0	MF RES. 390 F 0.25W T

Ref.	Phonic Part No.	Specifications
R803.804.813.814	006-39012-420-0	MF RES. 3K9 F 0.25W M
R726	006-47002-440-0	MF RES 470 F 0.25W T
R705	006-47012-400-0	MF RES. 4K7 F 0.25W T
R741	006-51022-420-0	MF RES. 51K F 0.25W T
R718.719.721.722	006-51072-420-0	MF RES. 51F 0.25W M
R736.734	006-56012-440-0	MF RES. 5K6 F 0.25W T
R817	006-56022-440-6	MF RES. 56K +/-1% 0.25W T
R728	006-68002-440-0	MF RES. 680 F 0.25W T
R805.815	006-68012-440-0	MF RES. 6K8 F 0.25W T
C808	030-10556-0A0-0	E/C 1MF M 50V 5*11 T
C807	030-10728-0A0-0	E/C 100MF Z 16V 6*11 T
C723.729.730	030-10748-000-0	E/C 100MF Z 35V 10*12 T
C708	030-10758-0A0-0	E/C 100MF Z 50V 8*12 T
C711	030-22558-0A0-0	E/C 2.2MF Z 50V 5*11 T
C803	030-22728-0A0-0	E/C 220MF Z 16V 8*11 T
C738	030-47628-0A0-0	E/C 47MF Z 16V 5*11 T
C710.722.727.728	030-47658-0A0-0	E/C 47MF Z 50V 8*11 T
C712	042-10196-000-0	C/C2 100PF M 1KV 5
	042-10424-050-0	C/C2 0.1MF J 50V T
C806	042-47124-050-0	C/C2 470PF J 50V 5 T
C733.734	042-47196-000-0	C/C2 470PF M 1KV
C714	051-102C4-000-0	MP/C 0.001MF J 63V P
C716.717	051-103C5-000-0	MP/C 0.01MF K 63V T(PP)(ESK063S10JA)
C713.720.719	051-104C5-000-0	MP/C 0.1MF K 63V T(ESK063P10JA) PP
C715	051-222C4-000-0	MP/C 0.0022MF J 63V T (ESK063D22JA)
C718	051-392C5-000-0	MP/C 0.0039UF K 63V
ZD702-705.707	090-01183-010-0	Z/DIODE 18V K 0.5W FAIRCH
ZD701	090-01303-010-0	Z/DIODE 30V K 0.5W FAIRCH
ZD801	090-01682-000-0	ZEN/DIODE 6.8V J0.5W UNIZO
D705-708.712.801.802	090-02000-020-0	DIODE 1N4148 T26MM MINI
Q710.801.803-806	120-00000-800-0	TRAN. 2SC1815 GR TOSHIBA
Q802	121-00000-200-0	TRAN. 2SA1015 GR TOSHIBA
	290-37960-101-0	PCB RG260 B POWER
	F37-95000-003-0	ROADGEAR160 (C+D) L/R_AMP PCB M/I
R532.533.632.633	003-10093-602-0	CEMEN RE. 0.1 J 5W
R801.802	003-22071-601-0	CEMENT RES. 22 J 2W
R529.530.629.630	004-10136-800-0	FUSE RES. 100 J 0.5W P

Ref.	Phonic Part No.	Specifications
R513.516.613.616	004-47736-800-0	FUSE RES. 4.7 0.5W
SVR501.601	020-47138-000-6	T/VR 470J T-085C-B470 0.5W
D504.505.604.605	090-00007-020-0	DIODE 1N4004 SILTEK T
D512.516.612.616	090-00016-000-0	DIODE 1N5404
Q505.605	120-00005-000-0	TRAN MJE340 MOTOROLA
Q511.611	120-00008-600-0	TRAN 2SC5200-O TOSHIBA
Q503.603	120-00008-800-0	TRAN MJE802 MOTOROLA
Q506.606	120-00009-500-0	TRAN 2SC4793-M TOSHIBA
Q512.612	121-00006-000-0	TRAN 2SA1943-O TOSHIBA
Q502.602	121-00006-100-0	TRAN MJE350 MOTOROLA
Q509.609	121-00007-200-0	TRAN 2SA1837-M TOSHIBA
IC501.601	160-00021-900-0	IC NJM5534D JRC
CN707	211-10044-040-0	4P WAFER/S A3963WV2-4P
CN601	211-10051-151-0	5P WAFER/S TJC3-5A PH=2.5MM 180
CN501	211-10111-090-0	11P WAFER/S
CN402	212-10021-060-6	2P WAFER/P 350MM UL1007#24 P=2.5MM
JP705	212-10070-680-0	7P WAFER/P 240MM
JP706	212-10080-610-0	8P WAFER/P 300MM PH=3.96
Q503.603	313-00000-000-0	TRANSISTOR WASHER TO-220
D507.508.513.517.607.608.613.617	382-00015-010-0	TINNER WIRE 15MM*D0.6
	526-20073-010-0	HEAT SINK 250*262*27MM
FIXED AMP PCB	552-20089-000-0	FIXED
L/FIXED*8	590-33004-100-0	M/E PAN SCR. M3.0*4 NI
	590-33008-100-0	M/E RUD SCR M3.0*8 NI
Q511.512.611.612	590-43010-100-0	M/E PAN SCR. M3.0*10 NI
Q503.506.509.511.512.603.606.609.611.612	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
	610-00300-516-0	FIBER WAS. D3*D8*0.5 RED
Q503.506.509.511.603.606.609.611.512.612	610-60301-006-0	SPR .WAS. D3*D5*1 NI
	H37-95000-003-0	ROADGEAR160 (C+D) L/R_AMP PCB A/I
R519.528.619.628	005-101A6-400-0	MOF. RES. 100 0.25W T
R512.518.612.618	006-10002-440-0	MF RES. 100 F 0.25W T

Ref.	Phonic Part No.	Specifications
R503.504.511.514.515.517 .603.604.611.614.615.617	006-10012-440-0	MF RES. 1K F 0.25W T
R507.510.607.610	006-10022-440-0	MF RES. 10K F 0.25W T
R531.534.631.634	006-10072-440-0	MF RES 10 F 1/4W
	006-22012-440-0	MF RES 2K2 F 0.25W T
	006-30012-440-0	MF RES. 3K F 0.25W T
R523.524.623.624	006-30022-420-0	MF RES. 30K F 0.25W M
R505.506.605.606	006-39012-420-0	MF RES. 3K9 F 0.25W M
R501.601	006-49912-440-0	MF RES. 4K99 F 0.25W T
R508.509.608.609	006-68022-420-0	MF RES. 68K F 0.25W M
R502.602	006-75022-420-0	MF RES. 75K F 0.25W T
C509.609	030-10656-0A0-0	E/C 10MF M 50V 5*11 T
C510.515.610.615	030-47686-0A0-0	E/C 47MF M 100V 10*17 T
C501.601	032-10636-0A0-0	NP E/C 10MF M 25V 6.3*11 T
C502.602	042-10020-050-0	C/C2 10PF C 50V T
C503.508.603.608	042-10225-050-0	C/C2 0.001MF K 50V 5 T
C512.513.612.613	042-10345-160-6	C/C2 0.01UF K 100V T
C516.521.526.527.801.61 6.621.626.627.802	042-10446-050-0	C/C2 0.1MF M 100V 5 T
C511.514.611.614	042-47144-050-0	C/C2 470PF J 100V 5T
ZD503.504.603.604	090-01682-000-0	ZEN/DIODE 6.8V J0.5W UNIZO
ZD501.502.601.602	090-01752-010-0	ZEN/DIODE 7V5 K 0.5W FAIRCH
D501-503.506.601-603.606	090-02000-020-0	DIODE 1N4148 T26MM MINI
Q501.601	120-00001-400-0	TRAN. 2N5551 MOTOROLA
Q507.607	120-00009-700-0	TRAN. BC546B PHILIPS(BC550)
Q504.604	121-00000-300-0	TRAN. 2N5401 MOTOROLA
Q508.608	121-00007-500-0	TRAN. BC556B PHILIPS (BC560)
	290-37960-201-0	PCB RG260 C AMP_L/R*2
	F37-95000-004-0	ROADGEAR160 L/R_CROSS PCB M/I
R905	003-15087-601-0	CEMENT RES. 1.5 J 20W AL
R901	003-60087-601-0	CEMENT 6ohm 20W J AL
R903.904	003-80087-601-0	CEMENT RES. 8ohm 20W 5% AL
PTC901	011-00000-000-0	PTC RDL30V185
C904	050-10504-000-0	MM/C 1MF J 100V P

Ref.	Phonic Part No.	Specifications
C902	050-22504-000-0	MM/C 2.2MF J 100V P
C903	050-47504-000-0	MM/C 4.7MF J 100V P
C901	050-56404-000-0	MM/C 0.56MF J 100V P
L903	072-20116-000-0	COIL 0.5mH
L904	072-20117-000-0	COIL 0.32mH
L901	072-20118-000-0	COIL 0.1mH
L902	072-20119-000-0	COIL 0.2mH
CN801	211-10024-110-0	2P WAFER/S A3963WV2-2P
CN802	211-10044-040-0	4P WAFER/S A3963WV2-4P
	290-37960-400-0	PCB RG260 E L/R_CROSS*2
	321-00000-020-0	CABEL TIE 140MM
	F37-95000-005-0	ROADGEAR160 DSP PCB M/I
J1	212-10200-050-0	20P WAFER/P 220MM
L1.2.3	382-00010-010-0	TINNER WIRE 10MM*D0.6
	C37-95000-005-0	ROADGEAR160 DSP PCB SMD
C18	008-00000-600-0	CHIP RES. 0 J 0805
R5.33.36.37.41.43.46-48.52.59.J3	008-00002-600-0	CHIP RES. 0 J 0603
R30.32	008-01002-600-0	CHIP RES. 10J SMT 0603 PKG
R8.11	008-01012-600-0	CHIP RES. 100 J 0603
R2.19.20.22	008-01022-600-0	CHIP RES. 1K J 0603
R25.27.58.65.66	008-01032-600-0	CHIP RES. 10K J 0603
R31.35	008-01072-600-0	CHIP RES. 1 J 0603
R50	008-02012-600-0	CHIP RES. 200 J 0603
R51	008-03012-600-0	CHIP RES. 300 J 0603
R1.26.28	008-03312-600-0	CHIP RES. 330 J 0603
R29	008-03332-600-0	CHIP RES. 33K J 0603
R34	008-04702-600-0	CHIP RES. 47 J 0603
R9.10.14.15.16.17.67	008-04722-600-0	CHIP RES. 4.7K J 0603
R12.13	008-51002-400-0	CHIP RES. 510 F 0603
C3.9.13.15.20.22.25.28.30	039-10426-230-0	CHIP C/C 0.1MF M 50V 0603
C7.12.14.16.17.19	039-10526-900-0	CHIP E/C 1MF M 50V 4*5.4
C35.39	039-10606-900-0	CHIP E/C 10MF M 16V 4*4.5
C10.11	039-22024-200-0	CHIP C/C 22PF J 50V 0603
C8.21.23.24.26.27.29.31	039-47646-900-0	CHIP E/C 47MF M 6.3V 4*5.4
D2	090-00039-000-0	DIODE BAV99 SMD

Ref.	Phonic Part No.	Specifications
Q1.2	120-00011-100-0	TRAN. MMBTA14 SOT-23 SMD
U5	160-00027-200-0	IC LD1117S33TR SOT-223 ST SMD
U1	170-00007-000-0	TTL IC 74HC393 SMD
U10	171-00004-700-0	CMOS IC UDA1345TS SSOP28 SMD
U8	171-00004-800-0	CMOS IC 74HCT132 SO14 SMD
U2	177-01005-100-0	IC DRAM TMS57002 QFP TI SMD
U6.7	177-01005-300-0	IC DRAM HY534256ALJ SMD
U3	177-01005-700-0	CPU IC TSB87C52X2-MCB PLCC V_A SMD
	290-01660-400-0	PCB K12 DSP 73*63MM
XT1	300-12004-010-0	CRYSTAL 12.000MHz SMD
	F37-95000-006-0	ROADGEAR160/260 INPUT PCB M/I
R701	006-47033-440-0	MF RES. 470K 0.5W T
R737	006-68012-440-0	MF RES. 6K8 F 0.25W T
NTC701*2	012-250B0-010-0	NTC TERMISTOR N15SP2R5L
C735.736	030-47658-0A0-0	E/C 47MF Z 50V 8*11 T
C701	058-10285-000-0	LINE/C 0.001MF K 275V P(FXK2A7D10K0)
C704.705	058-33226-000-0	LINE/C 0.0033UF M 250V Y2
C702.703	058-33486-000-0	LINE/C 0.33UF M 275V X2
L701.702	072-20131-000-0	CHOCK COIL 1115
Q709	120-00005-000-0	TRAN MJE340 MOTOROLA
SW702	210-01202-370-0	SLD/SW HF-308116B
SW701	210-02101-010-0	P/SW KDC-A04-10BA2-G
CN703	211-10021-150-0	2P WAFER/S 5267 A2505 WV P=2.5MM
	212-10026-001-0	2P WAFER/P UL1017#18 150MM BLK/RED
	212-10026-002-0	2P WAFER UL1617#18 BLK/RED 150MM
JP704	212-10051-190-0	5P WAFER/P 150MM (PITCH=2.5MM)
	290-37960-500-0	PCB RG260 F AC
T701	302-13603-000-0	AC FILTER 13.6uH

BOM260

Ref.	Phonic Part No.	Specifications
	B37-96013-410-1	ROADGEAR260 PHONIC UL
FS701	280-80266-000-0	FUSE T8A/250V UL/CSA S
	370-08010-721-0	P/CORD 120V 10A 6F 3PUL/CSA
	B37-96015-410-0	ROADGEAR260 PHONIC
	211-09045-000-0	BOT. ENTRY SOCKET 1.58 PSL HSG 1X04
	211-12300-040-0	AC/S 0717-1-PS
	212-01260-000-0	6D3/P 2.8*5.6MM CABLE WITH D6.3 PLUG BLK
JP802	212-10041-310-0	4P WAFER/P 500MM PH=3.96
JP707	212-10041-320-0	4P WAFER/P 150MM PH=3.96MM
	280-10366-000-0	FUSE T10A UL/CSA S 5*20
	281-04000-000-0	FUSE HOLDER FH-B02 EDK
	305-00000-000-0	MAG-CORE LPZT31*19*10
	321-00000-007-0	CABLE TIE HW-100MM
	347-00000-200-0	FAN SP802524H 24VDC
AC SOCKET TO PCB	379-30100-121-0	M.WIRE UL1617#16 100MM RED
POWER SW	385-02501-221-0	2P M.RIBBON WIRE UL1617#18 105 500MM
	510-21350-000-0	PANEL RG260 SECC
	512-20720-020-0	MIXED PANEL ROADGEAR series (RG260-281-X
	512-20730-020-0	LOGO PANEL 110.4*19*7MM ABS(RG260-301-X)
	516-20540-020-0	TOP COVER ROAD GEAR_series (RG260-211-X)
	517-20760-020-0	BOT COV. ROAD GEAR_series(RG260-221-X)
	518-20400-020-0	SOCKET COV. ROAD GEAR_series(RG260-251-X
	518-20410-020-0	BOX COV. ROAD GEAR_series(RG260-261-X)
	518-20420-020-0	HANDLE COV. ROAD GEAR_series(RG260-291-X
	524-20009-010-0	TOP HANDLE PA550
	525-20008-000-0	FEET D38*26MM PA550
	525-20009-030-0	FEET D20*20 GL-20-B
POWER SW LED	529-20032-000-0	LED ACRYLIC LENS 11.5*6*3t
ALL ROT/VR*37	540-20450-020-0	R/KNOB 8420C BODY+BLK LINE
POWER SW	542-20320-020-0	P/KNOB ABS BLK
EFX ON/OFF*1	542-60090-122-0	P/KNOB 9.5*5.5*8 LOW WHT
POWER SW BUSH.	543-20210-020-0	P/KNOB BUSH. BLK ABS
POWER SW BRKT	551-20079-420-0	PUSH BRKT ABS I_SERIES
	551-20081-420-0	WHEEL BRKT. BLK PC (RG260-241-X)
	551-20085-100-0	HEAT SINK BRKT. BLK SECC (RG260-071-X)
	551-20085-100-F	HEAT SINK BRKT MATERIAL
	551-20086-100-0	PANEL BRKT. SECC (RG260-081-X)
	551-20087-100-0	SW BRKT. BLK SECC RG260-091-X
	551-20088-100-0	FAN BRKT. SECC RG260-121-X

Ref.	Phonic Part No.	Specifications
	551-20088-100-F	FAN BRKT SECC. MATERIAL
	551-20089-400-0	WHEEL BRKT. 901P-58 SECC (901P-58)
	551-20090-100-0	WHEEL BRKT. RG260/160 SECC(RG260-351-XX)
	552-20091-420-0	FIXED ROAD GEAR (RG260-271-X)
	552-60041-000-0	FISED SUC1.2 RG260
	553-20016-480-0	PCB SHIELD PLATE 427*201*0.5(RG260-431-X
	560-61060-000-0	CARTON RG260
	561-21440-010-0	G/B RG260
	562-24400-000-0	PULP PANEL (A)794.28*836 (RG260-311-X)
	562-24410-000-0	PULP PANEL (B) 433.9*362 (RG260-331-X)
	562-24420-000-0	PULP PANEL (C) 967*360 (RG260-341-X)
	565-20062-000-0	POLYLON 250*100*35 RG_series
	566-10002-010-0	SPONGE 160*10*2MM
	566-10015-010-0	SPONGE 40*10*5
	568-00003-000-0	#10 240*340*0.05
	568-20086-070-0	PPC BAG ROAD GEAR
	568-60079-000-0	GE BAG:1250*980mm BT50
	572-00000-050-0	DRYER 5g
	573-10124-010-0	GND LABEL MAR2
	573-20230-000-0	VOLT LABEL RG260
	573-60240-000-0	BAR CODE LABEL PHONIC
	573-60343-000-0	LABEL BLUE D=8mm
	573-60343-100-0	LABEL SILVER D=8mm RG160/260
	573-60950-000-0	FUSE LABEL T10A H 250V 30*8mm
	573-60960-000-0	CAUTION LABEL 20*77mm
	574-37960-110-0	OWN. MANU. RG260 PHONIC
FIXED HANDLE*4	590-25024-200-7	M/E BID SCR. M5*24 BLK
POWER SW&BRKT*2, POWER SW*2.HEATSINK&FANFIXED*3,BOSS*4.	590-33004-100-0	M/E PAN SCR. M3.0*4 NI
BOSS&AC PCB*4, PLATE&BOSS&DSP*15	590-33006-200-0	M/E RUD SCR. M3*6 BLK
GND*1, 115/230V SW*2	590-33008-100-0	M/E RUD SCR M3.0*8 NI
PANEL&PANEL FIXED*8,HEAT SINK&FIXED*6	590-43010-200-0	M/E PAN SCR M3.0*10 BLK
FIXED FAN*4	590-43032-100-0	M/E PAN SCR.M3.0*32 NI
FIXED FEET*2	590-44025-200-0	M/E PAN SCR M4*25 BLK

Ref.	Phonic Part No.	Specifications
	590-54012-200-0	M/E SET SCR. M4*12 BLK
RCA JACK*2, XLR JACK*8	591-33008-100-0	T/P RUD SCR. M3*8 NI
D.SUB&CASE*4	591-43014-200-0	T/P PAN SCR. D3.0*14 BLK
BIG FEET*2.	591-45025-200-0	T/P PAN SCR. M5.0*25 BLK
	591-53008-200-0	T/P SET SCR. D3.0*8 BLK
FIX LOCK*1	591-53010-200-0	T/P SET SCR. M3.0*10 BLK
	591-54012-200-0	T/P SET SCR. D4.0*12 BLK
MIXED PANEL	591-55050-200-0	T/P SET SCR. D5*50 BLK
MAST PCB,FIXED FAN*4	600-00302-010-0	HEX. NUT M3.0*2.0 NI
FIXED FEET*2	600-20402-000-0	NUT M4.0*2.0 ZN L14*W10
FIXED FAN*4	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
	610-00301-018-0	FIBER WAS. D3.0*8*1
MIC JACK	610-00352-016-0	FIBER WAS. D3.5*7*2 (RED)
FIX LOCK*1	610-12291-018-0	SQU. WAS. 22*9*1
JACK*20	610-20900-501-0	IN. TOOTH WAS. D9*0.5 NI
	610-30301-001-0	TOOTH WAS. D3*D8*1 NI
FIXED FAN*4	610-60301-006-0	SPR .WAS. D3*D5*1 NI
MASTER PCB&PLATE*11, DSP&PLATE*4	615-20114-630-0	BOSS M3*(8+4)
FAN FIXED&LAC PCB*4	615-60023-630-0	BOSS L=16MM M3.0
FIXED FAN*4	615-60075-600-0	FAN BOSS D8*D5.8*16.3
	615-60086-630-0	HEX. BOSS L=8mm D=9mm
	620-10000-001-0	WHEEL 901P-58 58MM PU
SW401.702	631-10027-000-0	HEMELON 24*12
	T01-00100-002-0	UM-99 PHONIC NO
	W37-96015-410-0	RG260 WOOD CASE
	211-01602-190-0	PHONO JACK EPJ-68
	212-10023-710-0	2P WAFER/P 400MM PH=3.96MM
	212-10041-330-0	4P WAFER/P 320MM PH=3.96MM
	341-01052-520-0	TWEETER 1” 6R 25W
	341-08007-700-0	WFPHO20003003H 8” 8ohm 120W
	510-21330-020-0	FRONT PANEL RG260(RG260-161-X)
	512-20670-090-0	LOGO PANEL
	512-20740-020-0	TRIM PANEL ROAD GEAR PP(RG260-171-X)
	516-20530-020-0	TOP COVER ROAD GEAR series(RG260-141-X)
	518-20430-020-0	TRIM COV. BLK ROAD GEAR (RG260-201-X)

Ref.	Phonic Part No.	Specifications
	522-20140-020-0	SPEAKER CASE ROAD GEAR (RG260-131-X)
	524-20013-020-0	HANDLE ROAD GEAR (RG260-151-X)
	525-20010-000-0	FEET 64.5*23*6.5 BLK (RG260-191-X)
	528-20019-000-0	SPEAKER NET 8002C ROAD GEAR (RG260-031-X
	551-20082-100-0	TO COV. BRKT. BLK SECC (RG260-011-X)
	551-20083-100-0	HANDLE BRKT. BLK SECC (RG260-021-X)
	552-20092-000-0	FIXED BLK SECC ROAD GEAR (RG260-051-X)
	552-20092-000-F	FIXED BLK SECC MATERIAL
	552-20093-420-0	CASE FIXED ROAD GEAR
	566-20074-011-0	SPK. NET SPONGE 1059*12*0.5MM PA450
	566-60037-000-0	SPONG 135*18*1.5mm
	566-60038-010-0	SPONGE 1300*20*5mm
	573-60930-000-0	CASE LABEL 60*15MM RG260
CASE&BRTK*4	590-06030-200-0	M/E FLT SCR. M6*30 D11 BLK
	590-33008-200-0	M/E RUD SCR. M3.0*8 BLK
	590-54008-200-0	M/E SET SCR. M4.0*8 BLK
TOP COV.&BRKT	590-54019-200-0	M/E SET SCR M4.0*19 BLK
NET&FRONT COV.*2	591-33008-100-0	T/P RUD SCR. M3*8 NI
HANDLE&TOP COV.*2	591-34020-200-0	T/P RUD SCR. D4*20 BLK
PCB&CASE*6	591-43010-200-0	T/P PAN SCR. D3.0*10 BLK
HORN	591-54012-200-0	T/P SET SCR. D4.0*12 BLK
CASE&TOP COV*8.CASE&SPK.*8	591-54020-200-0	T/P SET SCR. D4.0*20 BLK
	610-00501-202-7	WASHER D12*D5*1.2t BLK
	615-70003-210-0	BOT BOSS D35*D108*89 SFJ308
	633-20008-000-0	CASE RUBBER BLK ROAD GEAR
	639-20000-110-0	HORN ROAD GEAR series
	F37-95000-002-0	ROADGEAR160 POWER PCB M/I
R735	003-10071-602-0	CEMENT RES. 10 J 2W P
R733	003-10073-601-0	CEMENT RES. 10 J 5W U
R731	003-51074-602-0	CEMENT RES. 51 J 7W
R819	005-15226-200-6	MOF RES. 1K5 2W +/-5%
R729.730	005-47026-200-6	MOF RES. 47J 2W +/-5%
R723	006-10003-420-0	MF RES. 100F 0.5W M
R702.703	006-10034-440-0	MF RES. 100K F 1W T
R742	006-10084-440-0	MF RES. 1 F 1W T
R704.709	006-15013-440-0	MF RES. 1K5 F 0.5W T

Ref.	Phonic Part No.	Specifications
R707	006-47013-440-0	MF RES. 4.7K F 0.5W T
R738	006-51013-440-0	MF RES. 5.1K F 0.5W T
PT701	011-10020-001-0	THERMISTER NSA05C310-301
SVR701	020-20238-000-0	R/VR. 2KB 0.5W D10 S 3M
C725.726	030-22866-200-0	E/C 2200UF 63V M D16*40
C721	030-47738-003-0	E/C 470MF Z 25V 10*17 P
C706.707	030-567A6-200-0	E/C 560UF M 250V P
T705	070-2076B-800-0	POWER X’MER 100/115/230V
T703	070-2082B-800-0	POWER X’MER 110/115*230V
T702	070-2084B-800-0	X’MER 110/115/230V
T704	070-2085B-800-0	X’MER RG160/260
L703	072-20132-000-0	CHOCK COIL 1116
L704	072-20133-000-0	CHOCK COIL 1117
RY801	076-02422-010-0	RELAY OSA-SH-224DM3M
D711.713.715.716	090-00001-030-0	DIODE UF4003
D721	090-00003-000-0	DIODE 1N4007 SILITEK
D709.710	090-00003-010-0	DIODE UF4007
D704.803.804	090-00007-020-0	DIODE 1N4004 SILTEK T
D718	090-00030-000-0	DIODE H16C40C MOSPEC
D720	090-00032-000-0	DIODE H16C40A MOSPEC
ZD706	090-01243-100-0	ZENER DIODE 24V J 1W
D703	090-10000-000-0	B/DIODE PB154
D702	090-10020-000-0	B/DIODE BR108
LED701	100-00040-000-0	LED BL-B3141 YLW
Q701.702.704	120-00002-100-0	TRAN. 2N3904 RCA
Q711	120-00009-900-0	TRAN TIP102ST
Q703	121-00001-200-0	TRAN. 2N3906 RCA
Q712	121-00005-800-0	TRAN. TIP42 SGS
Q705.706.707.708	122-00003-200-0	MOSFET IRF840
IC701	160-00002-909-0	IC ST7915 SGS TO-220 (or Matsushita)
IC703	160-00004-114-0	IC UPC7805H NEC (KIA)
IC702	160-00005-909-0	IC ST7815 SGS TO-220 (or Matsushita)
OC701	160-00010-501-0	IC 4N35 LITON
U701	160-00027-900-0	IC KA3842B
CN801	210-10085-030-0	TMP/SW P82-85-05-100
CN701	211-10024-020-0	2P WAFER/S PH:3.96*2
CN702	211-10024-080-0	2P WAFER/S 5273-02A MOLEX
CN802	211-10044-040-0	4P WAFER/S A3963WV2-4P
CN704	211-10051-151-0	5P WAFER/S TJC3-5A PH=2.5MM

Ref.	Phonic Part No.	Specifications
CN705	211-10074-000-0	7P WAFER/S A3963WV-7P PH=3.96
CN706	211-10084-020-0	8P WAFER/S 396108 180 P=3.96MM
Z702	301-47100-000-0	ZNR 470V
	313-00000-000-0	TRANSISTOR WASHER TO-220
D718.720.Q705-708.711.712.IC702.703	314-00000-050-0	BUSHES 602S(V.0)
	321-00000-007-0	CABLE TIE HW-100MM
C737	382-00015-010-0	TINNER WIRE 15MM*D0.6
IC701	526-20001-110-0	HEAT SINK BLK 19*13*12 L=19MM
	526-20075-010-0	HEAT SINK 48*42*15MM
	552-20094-000-0	TMP/SW FIXED 24*10*0.8
THERMAL SWITCH	590-33004-100-0	M/E PAN SCR. M3.0*4 NI
POWER PCB&HEAT SINK*10.PT701*1	590-33006-100-0	M/E RUD SCR. M3.0*6 NI
D718.720.Q705-708.711.712.IC701-703	590-33008-100-0	M/E RUD SCR M3.0*8 NI
IC701*1	600-00302-010-0	HEX. NUT M3.0*2.0 NI
D718.720.Q705-708.711.712.IC701-703	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
D718.720.Q705-708.711.712.IC701-703,PT701*1	610-60301-006-0	SPR .WAS. D3*D5*1 NI
POWER PCB&LARGE HEATSINK*6	615-20114-630-0	BOSS M3*(8+4)
	H37-95000-002-0	ROADGEAR160 POWER PCB A/I
R811	006-10002-440-0	MF RES. 100 F 0.25W T
	006-10012-440-0	MF RES. 1K F 0.25W T
R712.713.809	006-10022-440-0	MF RES. 10K F 0.25W T
R812	006-10032-440-0	MF RES. 100K F 0.25W T
R739.818	006-12022-440-0	MF RES 12KF 0.25W T
R725	006-18002-440-0	MF RES. 180 F 0.25W T
R708	006-20022-440-0	MF RES. 20K F 0.25W T
R727	006-20032-440-0	MF RES. 200K F 0.25W T
R808	006-22012-440-0	MF RES 2K2 F 0.25W T
R810	006-22022-440-0	MF RES 22K F 0.25W T
R806.807.816	006-22032-420-0	MF RES. 220K F 0.25W M
R724	006-22072-440-0	MF RES. 22 F 0.25W T

Ref.	Phonic Part No.	Specifications
R714	006-24022-440-0	MF RES. 24K F 0.25W T
R710	006-27032-420-0	MF RES. 270K F 0.25W M
R740	006-39002-440-0	MF RES. 390 F 0.25W T
R803.804.813.814	006-39012-420-0	MF RES. 3K9 F 0.25W M
R726	006-47002-440-0	MF RES 470 F 0.25W T
R705	006-47012-400-0	MF RES. 4K7 F 0.25W T
R741	006-51022-420-0	MF RES. 51K F 0.25W T
R718.719.721.722	006-51072-420-0	MF RES. 51F 0.25W M
R736.734	006-56012-440-0	MF RES. 5K6 F 0.25W T
R817	006-56022-440-6	MF RES. 56K +/-1% 0.25W T
R728	006-68002-440-0	MF RES. 680 F 0.25W T
R805.815	006-68012-440-0	MF RES. 6K8 F 0.25W T
C808	030-10556-0A0-0	E/C 1MF M 50V 5*11 T
C807	030-10728-0A0-0	E/C 100MF Z 16V 6*11 T
C723.729.730	030-10748-000-0	E/C 100MF Z 35V 10*12 T
C708	030-10758-0A0-0	E/C 100MF Z 50V 8*12 T
C711	030-22558-0A0-0	E/C 2.2MF Z 50V 5*11 T
C803	030-22728-0A0-0	E/C 220MF Z 16V 8*11 T
C738	030-47628-0A0-0	E/C 47MF Z 16V 5*11 T
C710.722.727.728	030-47658-0A0-0	E/C 47MF Z 50V 8*11 T
C712	042-10196-000-0	C/C2 100PF M 1KV 5
	042-10424-050-0	C/C2 0.1MF J 50V T
C806	042-47124-050-0	C/C2 470PF J 50V 5 T
C733.734	042-47196-000-0	C/C2 470PF M 1KV
C714	051-102C4-000-0	MP/C 0.001MF J 63V P
C716.717	051-103C5-000-0	MP/C 0.01MF K 63V T(ESK063S10JA)
C713.720.719	051-104C5-000-0	MP/C 0.1MF K 63V T(ESK063P10JA)
C715	051-222C4-000-0	MP/C 0.0022MF J 63V T (ESK063D22JA)
C718	051-392C5-000-0	MP/C 0.0039UF K 63V
ZD702-705.707	090-01183-010-0	Z/DIODE 18V K 0.5W FAIRCH
ZD701	090-01303-010-0	Z/DIODE 30V K 0.5W FAIRCH
ZD801	090-01682-000-0	ZEN/DIODE 6.8V J0.5W UNIZO
D705-708.712.801.802	090-02000-020-0	DIODE 1N4148 T26MM MINI
Q710.801.803-806	120-00000-800-0	TRAN. 2SC1815 GR TOSHIBA
Q802	121-00000-200-0	TRAN. 2SA1015 GR TOSHIBA
	290-37960-101-0	PCB RG260 POWER
	F37-95000-006-0	ROADGEAR160/260 INPUT PCB M/I
R701	006-47033-440-0	MF RES. 470K 0.5W T

Ref.	Phonic Part No.	Specifications
R737	006-68012-440-0	MF RES. 6K8 F 0.25W T
NTC701*2	012-250B0-010-0	NTC TERMISTOR N15SP2R5L
C735.736	030-47658-0A0-0	E/C 47MF Z 50V 8*11 T
C701	058-10285-000-0	LINE/C 0.001MF K 275V P(FXK2A7D10K0)
C704.705	058-33226-000-0	LINE/C 0.0033UF M 250V Y2
C702.703	058-33486-000-0	LINE/C 0.33UF M 275V X2
L701.702	072-20131-000-0	CHOCK COIL 1115
Q709	120-00005-000-0	TRAN MJE340 MOTOROLA
SW702	210-01202-370-0	SLD/SW HF-308116B
SW701	210-02101-010-0	P/SW KDC-A04-10BA2-G
CN703	211-10021-150-0	2P WAFER/S 5267 A2505 WV P=2.5MM
	212-10026-001-0	2P WAFER/P UL1017#18 150MM BLK/RED
	212-10026-002-0	2P WAFER UL1617#18 BLK/RED 150MM
JP704	212-10051-190-0	5P WAFER/P 150MM (PITCH=2.5MM)
	290-37960-500-0	PCB RG260 AC
T701	302-13603-000-0	AC FILTER 13.6uH
	F37-96000-001-0	ROAD GEAR260 MASTER PCB M/I
WR1	000-10036-400-0	CF RES 10 J 0.5W T
CDS401.402	010-00001-010-0	CDS P873-G35-552 HAMAMATSU
VR103A-103D.105A-105D	022-20350-001-0	S.ROT/VR 20KA L=30MM F=12MM
VR101A-101D.102A-102D.104A-104D	022-50350-011-0	S.ROT/VR 50KB(C.C)L=30MM
VR203A.203B.205A.205B.401.405.406	023-20350-001-0	D.ROT/VR 20KA 30MM P
VR201A.201B.202A.202B.204A.204B.402.403.404	023-50350-001-0	D.ROT/VR 50KB(C.C) 30MM P
D733.734	090-00007-020-0	DIODE 1N4004 SILTEK T
D735	090-01513-110-0	Z/D10DE 51V 1W MOTOROLA
BD401.402	090-10000-000-0	B/DIODE PB154
LED101A-	100-00010-030-0	LED BL-B5141 RED
LED1-17	100-00050-000-0	LED BL-B2141 GRN
PLED1	100-00150-040-0	LED 2*4mm BL-RGE131 Green
Q716	120-00005-000-0	TRAN MJE340 MOTOROLA
U16	171-00000-310-0	CMOS IC HD74HC74P HITACHI
U15	171-00003-500-0	CMOS IC 74HC14 HITACHI
U12	177-02000-301-0	GAL IC 16V8D-15 LP LATTICE

Ref.	Phonic Part No.	Specifications
SW401.702	210-01202-360-0	SLD/SW SS70020-02020-14T-021-MM
SW1	210-02202-070-0	PUSH/SW SPEC12HC11-JP
SW2	210-16000-000-0	ENCODER SDB161PVB20F-1-4-16PC
JK401	211-00021-100-0	RCA JACK RL-1414-2D
JK201	211-00041-100-0	4P RCA/J RL-1414-4D
JK202A.202B.203A.203B.301.302.402-405	211-01601-240-0	6D3/J JY-6351-02-130 SCJ-0658
JK1.102A-102D	211-01602-380-0	6D3/J (SCJ-0658-Y)
JK406	211-01602-390-0	6D3/J JY-6351-02-030 SCJ-0658
JK801-804	211-01602-560-0	6D4/J YLJ-6405-300 (NUT&WASHER)
JK101A-101D	211-03300-160-0	XLR/J SKCA229-1K3F2
J2	211-09202-000-0	20P B.E./S
PCN1.CN402	211-10021-161-0	2P WAFER/S TJC3-2A P=2.5MM
CN802	211-10044-040-0	4P WAFER/S A3963WV2-4P
WCN1.2	211-10050-011-0	5P WAFER/S P=2.0
U12	211-11202-002-0	IC/S 20P 9.8*25MM
CN101*2	211-14202-000-0	D-SUB/S 3231-20P
POWER LED	212-10022-680-0	2P WAFER/P 100MM UL1007#24 P=2.5MM
CN101*2	212-10050-010-0	5P WAFER/S PH=2.0 300MM
JP501.601	212-10160-120-0	16P WAFER/P #24 AWG P=2.5 550+500MM
CN101*2	379-01401-101-0	WIRE UL1007#26 400mm BLK
ICU12A	382-00009-010-0	TINNER WIRE 9MM*D0.6
DIC1.WIC1	382-10005-010-0	TINNER WIRE 5MM D0.6
	615-20125-620-0	LED BOSS LED3-22
	C37-96000-001-0	ROADGEAR260 MASTER PCB SMD
R122A-122D.124A-124D.412.WR2.3	008-00002-600-0	CHIP RES. 0 J 0603
R406.432.453.464.473.476.477	008-01012-600-0	CHIP RES. 100 J 0603
DR8-11	008-01022-600-0	CHIP RES. 1K J 0603
AR14.20.5.DR1.R121A-121D.202A.202B.203A.203B.204A.204B.205A.205B.218A.	008-01032-600-0	CHIP RES. 10K J 0603
R218B.219A.219B.220A.220B.221A.221B.301-304.306-309.403.416.421-423.429.435.439	008-01032-600-1	
R444.445.446.451	008-01032-600-2	

Ref.	Phonic Part No.	Specifications
AR10.11.16.17.R107A-107D.108A-108D.405.407.411.414.425.426.431.433.437.448.449	008-01042-600-0	CHIP RES. 100K J 0603
R454.102A-	008-01042-600-1	
R404.410.430.436.452	008-01232-600-0	CHIP RES. 12K J 0603
R113A-113D.462.471	008-01512-600-0	CHIP RES. 150 J 0603
AR12.13.18.19	008-01532-600-0	CHIP RES. 15K J 0603
AR2.4	008-01542-600-0	CHIP RES. 150K J 0603
AR9.R459.460.468.469	008-01832-600-0	CHIP RES. 18K J 0603
R455	008-02212-600-0	CHIP RES. 220 J 0603
R456.465.145A-145D	008-02222-600-0	CHIP RES. 2.2K J 0603
R133A-133D.211A.211B.227A.227B.408.409.4	008-02232-600-0	CHIP RES. 22K J 0603
DR4.5	008-02442-600-0	CHIP RES. 240K J 0603
R415.418.420.438.441.443.237A.237B	008-02722-600-0	CHIP RES. 2.7K J 0603
DR3.R461.470	008-03322-600-0	CHIP RES. 3.3K J 0603
AR7.8.R129A-129D.207A.207B.223A.223B.424.447	008-03332-600-0	CHIP RES. 33K J 0603
R463.472	008-03922-600-0	CHIP RES. 3.9K J 0603
AR1.3.15.21.R135A-135D.136A-136D.146A-146D.201A.201B.213A.213B.217A.217B.229A.22	008-04722-600-0	CHIP RES. 4.7K J 0603
AR6.DR2	008-04732-600-0	CHIP RES. 47K J 0603
R103A-103D.105A-105D	008-04772-600-0	CHIP RES. 4.7 J 0603
R131A-131D.132A-132D.209A.209B.210A.210B.225A.225B.226A.226B.143A-143D	008-05622-600-0	CHIP RES. 5.6K J 0603
R305.310	008-05632-600-0	CHIP RES. 56K J 0603
R434.450	008-06232-600-0	CHIP RES. 62K J 0603
R417.419.440.442	008-06812-600-0	CHIP RES. 680 J 0603

Ref.	Phonic Part No.	Specifications
R128A-128D.130A-130D .206A.206B.208A.208B. 222A.222B.224A.224B	008-06822-600-0	CHIP RES. 6K8 J 0603
R137A-137D.138A-138D.139A-139D.140A-140D.141A-141D.142A-	008-06832-600-0	CHIP RES. 68K J 0603
R216A.216B.230A.230B .231A.231B.232A.232B. 233A.233B.234A.234B.2 35A.235B.236A.236B	008-06832-600-1	
R134A-134D.402.428	008-07532-600-0	CHIP RES. 75K J 0603
R109A-109D.110A-110D.123A-123D.125A-125D.126A-126D.127A-127D	008-10022-400-0	CHIP RES. 10K F 0603
R118A-118D.120A-120D	008-39012-400-0	CHIP RES. 3.9K F 0603
R457.458.466.467	008-49912-400-0	CHIP RES. 4K99 F 0603
R111A-111D.114A-114D	008-51002-400-0	CHIP RES. 510 F 0603
R104A-104D.106A-106D	008-68012-400-0	CHIP RES. 6.8K F 0603
C144A-144D.217A.217B .233A.233B.402.411.433 .442.460.407.438.447.46 3.423.454	039-10024-220-0	CHIP C/C 10PF J 50V 0603
C427.456	039-10024-220-1	
C121A-121D.122A-122D.139A-139D.203A. 203B.212A.212B.223A.2 23B.230A.230B.302.308	039-10124-220-0	CHIP C/C 100PF J 50V 0603
C472.467.DC2	039-10124-220-1	
AC4.5.12-	039-10325-220-0	CHIP 0.01UF 50V K 0603 X7R
C123A.123C.124A.124C .132A.132C.133A.133C. 140A.140C.141B.141C.1 45A.145C.146B.146D	039-10426-230-0	CHIP C/C 0.1MF M 50V 0603

Ref.	Phonic Part No.	Specifications
C205A.205B.206A.206B .213A.213B.214A.214B. 218A.218B.219A.219B.3 04.305.403.404.412	039-10426-230-1	
C413.425.426.428.429.4 34.435.443.444.461.462. DC1.466.471	039-10426-230-2	
C421.452	039-12324-220-0	CHIP C/C 0.012MF J 50V 0603
C422.453	039-15324-220-0	CHIP C/C 0.015MF J 50V 0603
AC16.22.6.C204A.204B. 224A.224B.303.309	039-22024-200-0	CHIP C/C 22PF J 50V 0603
C106A-106D.120A-120D	039-22124-220-0	CHIP C/C 220PF J 50V 0603
AC7	039-22224-220-0	CHIP C/C 0.0022UF J 50V 0603
C424.455	039-27024-220-0	CHIP C/C 27PF J 50V 0603
AC8.18.C104A-104D.105A-105D.108A-108D.109A-109D	039-33124-220-0	CHIP C/C 330PF J 50V 0603
AC11.21.C137A-	039-33224-220-0	CHIP C/C 0.0033MF J 50V 0603
C135A-135D.136A-136D .208A.208B.209A.209B. 226A.226B.227A.227B	039-33324-220-0	CHIP C/C 0.033MF J 50V 0603
C419.450	039-39224-220-0	CHIP C/C 0.0039MF J 50V 0603
C138A-	039-47024-220-0	CHIP C/C 47PF J 50V 0603
C127A-127D.129A-129D.130A-130D.131A-131D	039-56024-220-0	CHIP C/C 56PF J 50V 0603
AC10.20	039-82124-220-0	CHIP C/C 820PF J 50V 0603
AIC1.2.3.IC101A.C.102A .C.103A.C.104A.104C.2 01A.201B.202A.202B.20 3A.203B	160-00021-300-0	IC NJM2068 SMD JRC(NJM4580M JRC)
IC301.401-408	160-00021-300-1	
	290-37960-001-0	PCB RG260 MAIN
	H37-96000-001-0	ROADGEAR260 MASER PCB A/I
DR12-15.R750	000-10126-400-0	CF RES. 100 J 0.25W T

Ref.	Phonic Part No.	Specifications
R748	000-15226-400-0	CF RES. 1K5 J 0.25W T
DR7.R749	000-33126-400-0	CF RES. 330 J 0.25W T
PR1.R144A-144D.238A.238B	000-33226-400-0	CF RES. 3K3 J 0.25W T
R101A-101D	000-39126-400-0	CF RES. 390 J 0.25W T
R751	000-39726-400-0	CF RES 3.9J 1/4W T
R116A-116D.117A-117D	006-22010-440-0	MF RES 2K2 F 1/8W T
R112A-112D.115A-115D	006-47010-440-0	MF RES 4K7 F 1/8W T
C148A-148D.235A.235B.DC3.WC2.AC1.2	030-10638-0A0-0	E/C 10MF Z 25V 5*11 T
C401.410.432.441.459	030-10728-0A0-0	E/C 100MF Z 16V 6*11 T
AC19.3.9.C134A-134D.207A.207B.225A.225B.306.34	030-22628-0A0-0	E/C 22MF Z 16V 5*11 T
C125A-125D.126A-126D.128A-128D.201A.201B.202A.202B.221A.221B.222A.222B.301.307	030-22638-0A0-0	E/C 22MF Z 25V 5*11 T
C408.439.464	030-22728-0A0-0	E/C 220MF Z 16V 8*11 T
AC17.23.24.C142A-142D.143A-143D.147A-147D.215A.215B.216A.216B.220A.220B.231A	030-47628-0A0-0	E/C 47MF Z 16V 5*11 T
C231B.232A.232B.234A.234B.405.406.409.414.415.417.418.430.431.436.437.440.445	030-47628-0A0-1	
C446.448.449.457.458.465.470.475.WC1	030-47628-0A0-2	
C107A-107D	030-47726-000-0	E/C 470MF M 16V 8*16 P
C102A-102D.103A-103D	033-22668-0A0-0	LN E/C 22MF Z 63V 6*11 T
C101A-101D.754.755	035-47665-0A0-0	MINI E/C 47MF K 63V T
D736	090-01223-000-0	Z/DIODE 22V 0.5W 1N5251B
D737	090-01273-010-0	ZEN/DIODE 27V K 0.5W

Ref.	Phonic Part No.	Specifications
D101A-101D.102A-102D.103A-103D.104A-104D.201A.201B.202A.202B.203A.203B.204A.204B	090-02000-020-0	DIODE 1N4148 T26MM MINI
Q717	120-00000-800-0	TRAN. 2SC1815 GR TOSHIBA
Q102A-102D.104A-104D	120-00001-010-0	TRAN 2SC2240-BL TOSHIBA
AQ1.2	120-00006-200-0	TRAN. 2SC2878 TOSHIBA
Q105A-105D.201A.201B	121-00000-200-0	TRAN. 2SA1015 GR TOSHIBA
Q101A-101D.103A-103D	121-00000-500-0	TRAN 2SA970-BL TOSHIBA
Q715	122-00000-200-0	FET 2SK30A-GR TOSHIBA
	F37-96000-003-0	ROADGEAR260 (C+D) L/R_AMP PCB M/I
R532.533.632.633	003-10093-602-0	CEMEN RE. 0.1 J 5W
R801.802	003-22071-601-0	CEMENT RES. 22 J 2W
R529.530.629.630	004-10136-800-0	FUSE RES. 100 J 0.5W P
R513.516.613.616	004-47736-800-0	FUSE RES. 4.7 0.5W
SVR501.601	020-47138-000-6	T/VR 470J T-085C-B470 0.5W
D504.505.604.605	090-00007-020-0	DIODE 1N4004 SILTEK T
D512.516.612.616	090-00016-000-0	DIODE 1N5404
Q505.605	120-00005-000-0	TRAN MJE340 MOTOROLA
Q511.611	120-00008-600-0	TRAN 2SC5200-O TOSHIBA
Q503.603	120-00008-800-0	TRAN MJE802 MOTOROLA
Q506.606	120-00009-500-0	TRAN 2SC4793-M TOSHIBA
Q512.612	121-00006-000-0	TRAN 2SA1943-O TOSHIBA
Q502.602	121-00006-100-0	TRAN MJE350 MOTOROLA
Q509.609	121-00007-200-0	TRAN 2SA1837-M TOSHIBA
IC501.601	160-00021-900-0	IC NJM5534D JRC
CN707	211-10044-040-0	4P WAFER/S A3963WV2-4P
CN601	211-10051-151-0	5P WAFER/S TJC3-5A PH=2.5MM
CN501	211-10111-090-0	11P WAFER/S
CN402	212-10021-060-6	2P WAFER/P 350MM UL1007#24 P=2.5MM
JP705	212-10070-680-0	7P WAFER/P 240MM
JP706	212-10080-610-0	8P WAFER/P 300MM PH=3.96
Q503.603	313-00000-000-0	TRANSISTOR WASHER TO-220
D507.508.513.517.607.608.613.617	382-00015-010-0	TINNER WIRE 15MM*D0.6
	526-20072-010-0	HEAT SINK 250*262*27MM
FIXED AMP PCB	552-20089-000-0	FIXED
L/FIXED*8	590-33004-100-0	M/E PAN SCR. M3.0*4 NI

Ref.	Phonic Part No.	Specifications
	590-33008-100-0	M/E RUD SCR M3.0*8 NI
Q511.512.611.612	590-43010-100-0	M/E PAN SCR. M3.0*10 NI
Q503.506.509.511.512.603.606.609.611.612	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
	610-00300-516-0	FIBER WAS. D3*D8*0.5 RED
Q503.506.509.511.603.606.609.611.512.612	610-60301-006-0	SPR .WAS. D3*D5*1 NI
	H37-96000-003-0	ROADGEAR260 (C+D) L/R_AMP PCB A/I
R519.528.619.628	005-101A6-400-0	MOF. RES. 100 0.25W T
R512.518.612.618	006-10002-440-0	MF RES. 100 F 0.25W T
R503.504.511.514.515.517.603.604.611.614.615.617	006-10012-440-0	MF RES. 1K F 0.25W T
R507.510.607.610	006-10022-440-0	MF RES. 10K F 0.25W T
R531.534.631.634	006-10072-440-0	MF RES 10 F 1/4W
	006-22012-440-0	MF RES 2K2 F 0.25W T
	006-30012-440-0	MF RES. 3K F 0.25W T
R523.524.623.624	006-30022-420-0	MF RES. 30K F 0.25W M
R505.506.605.606	006-39012-420-0	MF RES. 3K9 F 0.25W M
R501.601	006-49912-440-0	MF RES. 4K99 F 0.25W T
R508.509.608.609	006-68022-420-0	MF RES. 68K F 0.25W M
R502.602	006-75022-420-0	MF RES. 75K F 0.25W T
C509.609	030-10656-0A0-0	E/C 10MF M 50V 5*11 T
C510.515.610.615	030-47686-0A0-0	E/C 47MF M 100V 10*17 T
C501.601	032-10636-0A0-0	NP E/C 10MF M 25V 6.3*11 T
C502.602	042-10020-050-0	C/C2 10PF C 50V T
C503.508.603.608	042-10225-050-0	C/C2 0.001MF K 50V 5 T
C512.513.612.613	042-10345-160-6	C/C2 0.01UF K 100V T
C516.521.526.527.801.616.621.626.627.802	042-10446-050-0	C/C2 0.1MF M 100V 5 T
C511.514.611.614	042-47144-050-0	C/C2 470PF J 100V 5T
ZD503.504.603.604	090-01682-000-0	ZEN/DIODE 6.8V J0.5W UNIZO
ZD501.502.601.602	090-01752-010-0	ZEN/DIODE 7V5 K 0.5W FAIRCH
D501-503.506.601-603.606	090-02000-020-0	DIODE 1N4148 T26MM MINI
Q501.601	120-00001-400-0	TRAN. 2N5551 MOTOROLA

Ref.	Phonic Part No.	Specifications
Q507.607	120-00009-700-0	TRAN. BC546B PHILIPS(BC550)
Q504.604	121-00000-300-0	TRAN. 2N5401 MOTOROLA
Q508.608	121-00007-500-0	TRAN. BC556B PHILIPS (BC560)
	290-37960-201-0	PCB RG260 AMP_L/R*2
	F37-96000-004-0	ROAD GEAR260 L/R_CROSS PCB M/I
R905	003-15087-601-0	CEMENT RES. 1.5 J 20W AL
R901	003-60087-601-0	CEMENT 6ohm 20W J AL
R903.904	003-80087-601-0	CEMENT RES. 8ohm 20W 5% AL
PTC901	011-00000-000-0	PTC RDL30V185
C904	050-10504-000-0	MM/C 1MF J 100V P
C902	050-22504-000-0	MM/C 2.2MF J 100V P
C903	050-47504-000-0	MM/C 4.7MF J 100V P
C901	050-56404-000-0	MM/C 0.56MF J 100V P
L903	072-20116-000-0	COIL 0.5mH
L904	072-20117-000-0	COIL 0.32mH
L901	072-20118-000-0	COIL 0.1mH
L902	072-20119-000-0	COIL 0.2mH
CN801	211-10024-110-0	2P WAFER/S A3963WV2-2P
CN802	211-10044-040-0	4P WAFER/S A3963WV2-4P
	290-37960-400-0	PCB RG260 E L/R_CROSS*2
	321-00000-020-0	CABEL TIE 140MM
	F37-96000-005-0	ROADGEAR260 DSP PCB M/I
J1	212-10200-050-0	20P WAFER/P 220MM
L1.2.3	382-00010-010-0	TINNER WIRE 10MM*D0.6
	C37-96000-005-0	ROADGEAR260 DSP PCB SMD
R5.33.36.37.41.43.46-48.52.59.J3	008-00002-600-0	CHIP RES. 0 J 0603
R30.32	008-01002-600-0	CHIP RES. 10J SMT 0603 PKG
R8.11	008-01012-600-0	CHIP RES. 100 J 0603
R2.19-22	008-01022-600-0	CHIP RES. 1K J 0603
R25.27.58.65.66	008-01032-600-0	CHIP RES. 10K J 0603
R31.35	008-01072-600-0	CHIP RES. 1 J 0603
R50	008-02012-600-0	CHIP RES. 200 J 0603
R51	008-03012-600-0	CHIP RES. 300 J 0603
R1.26.28	008-03312-600-0	CHIP RES. 330 J 0603
R29	008-03332-600-0	CHIP RES. 33K J 0603
R34	008-04702-600-0	CHIP RES. 47 J 0603
R9.10.14.15.16.17.67	008-04722-600-0	CHIP RES. 4.7K J 0603
R12.13	008-51002-400-0	CHIP RES. 510 F 0603

Ref.	Phonic Part No.	Specifications
C3.9.13.15.20.22.25.28.30	039-10426-230-0	CHIP C/C 0.1MF M 50V 0603
C7.12.14.16-19	039-10526-900-0	CHIP E/C 1MF M 50V 4*5.4
C35.39	039-10606-900-0	CHIP E/C 10MF M 16V 4*4.5
C10.11	039-22024-200-0	CHIP C/C 22PF J 50V 0603
C8.21.23.24.26.27.29.31	039-47646-900-0	CHIP E/C 47MF M 6.3V 4*5.4
D2	090-00039-000-0	DIODE BAV99 SMD
Q1.2	120-00011-100-0	TRAN. MMBTA14 SOT-23 SMD
U5	160-00027-200-0	IC LD1117S33TR SOT-223 ST SMD
U1	170-00007-000-0	TTL IC 74HC393 SMD
U10	171-00004-700-0	CMOS IC UDA1345TS SSOP28 SMD
U8	171-00004-800-0	CMOS IC 74HCT132 SO14 SMD
U2	177-01005-100-0	IC DRAM TMS57002 QFP TI SMD
U3	177-01005-200-0	CPU IC TSB87C54X2-MCB PLCC. V_B.SMD
U6.7	177-01005-300-0	IC DRAM HY534256ALJ SMD
	290-01660-400-0	PCB K12 DSP 73*63MM
XT1	300-12004-010-0	CRYSTAL 12.000MHz SMD


PHONIC
WWW.PHONIC.COM